

FIG. 1

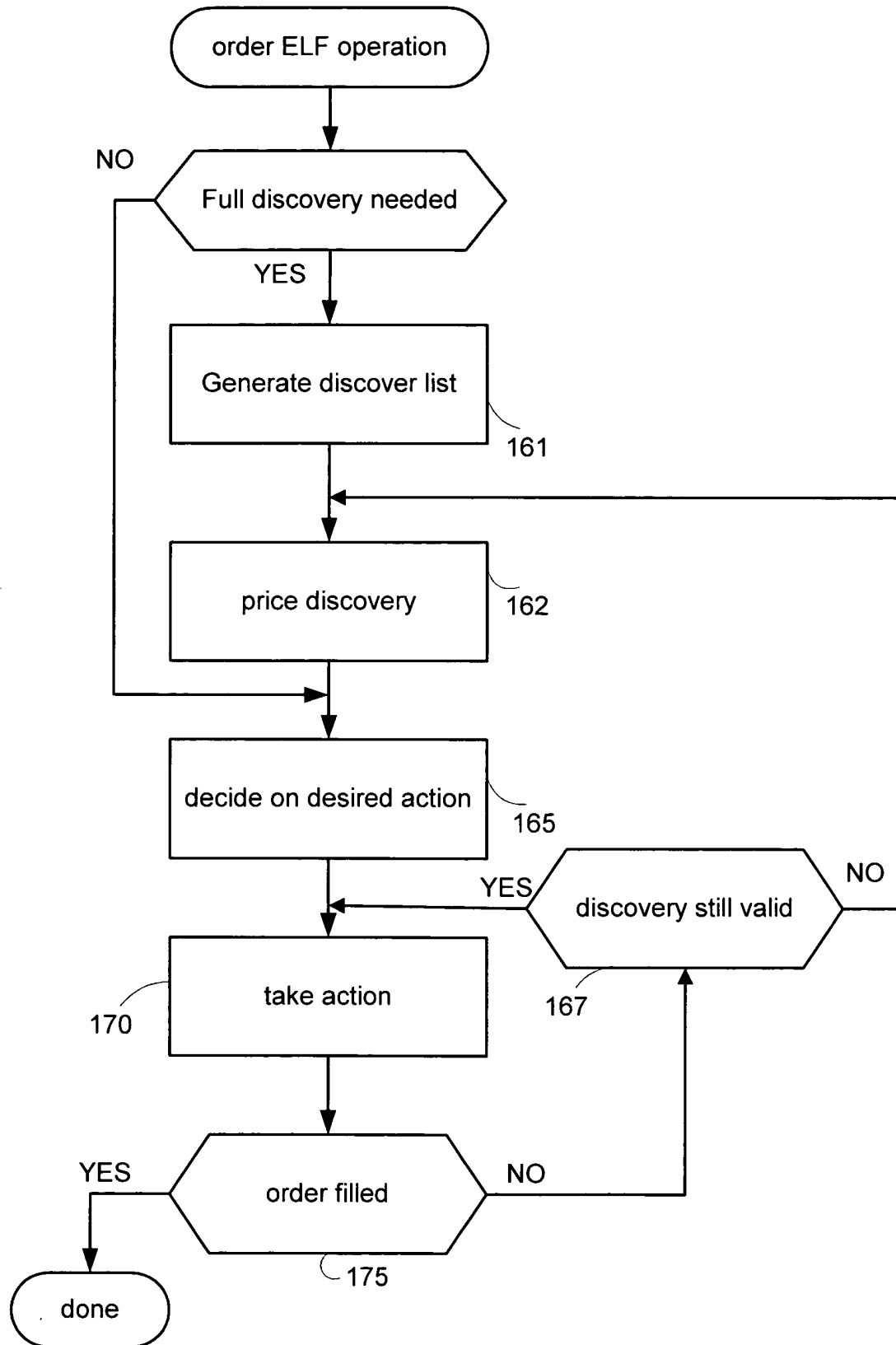


FIG. 2

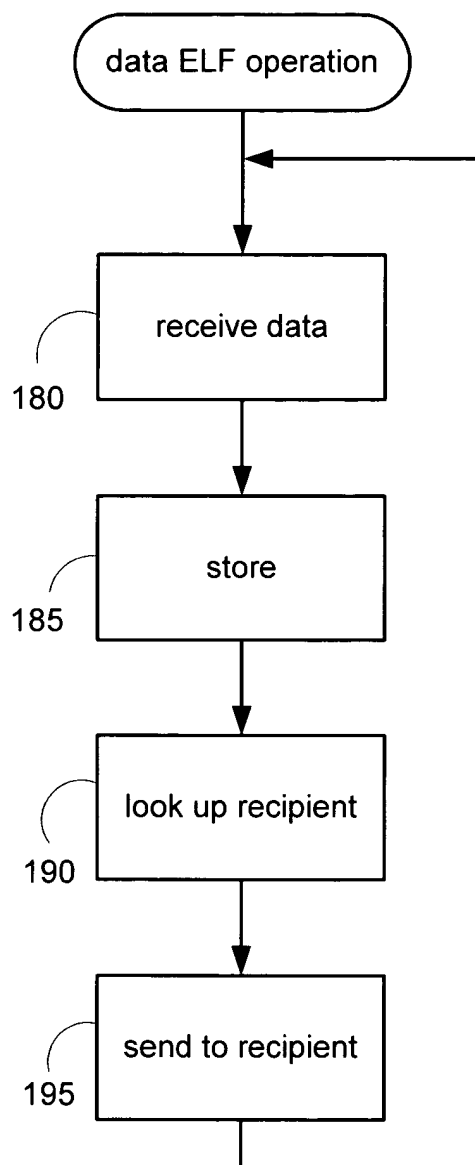


FIG. 3

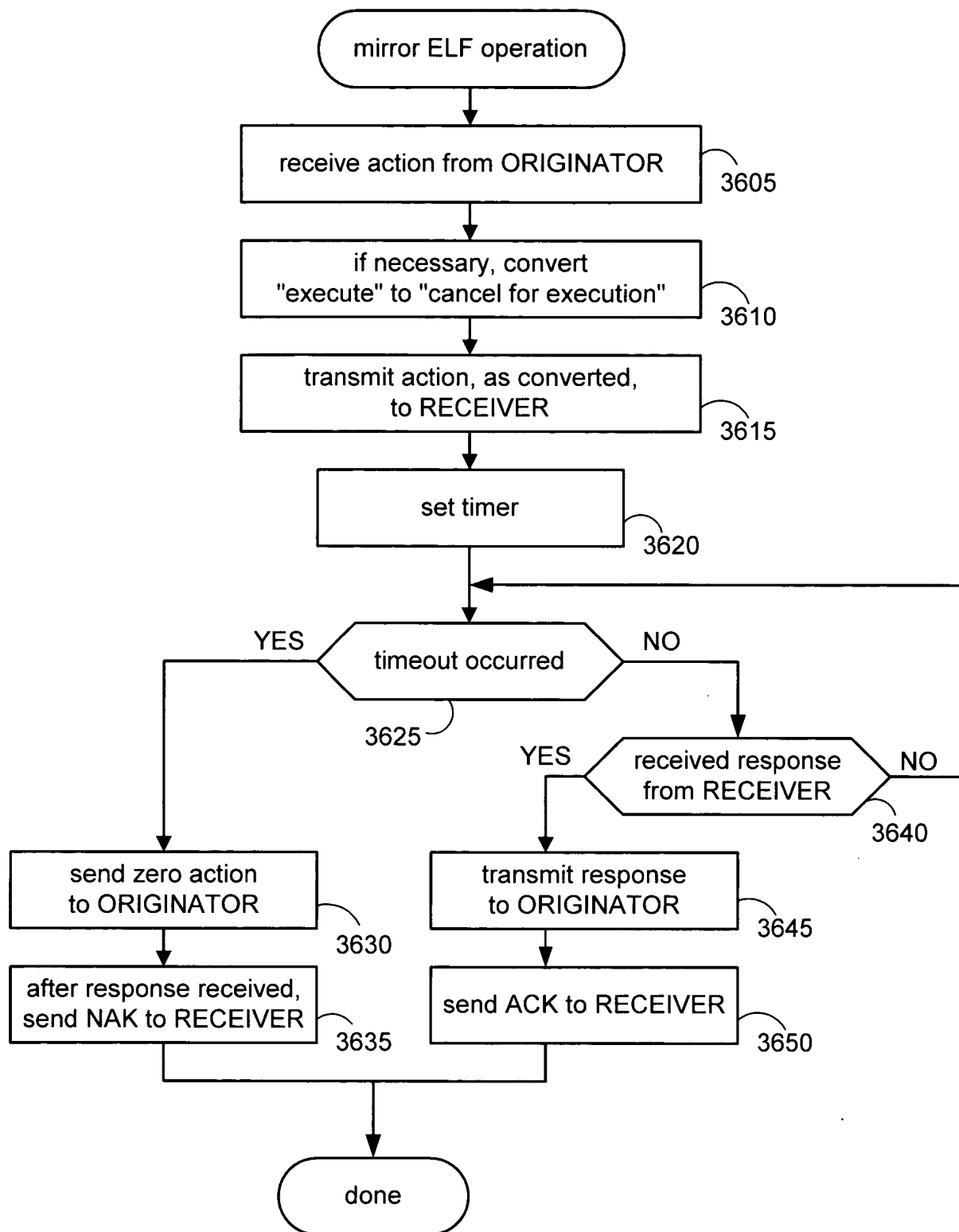


FIG. 4

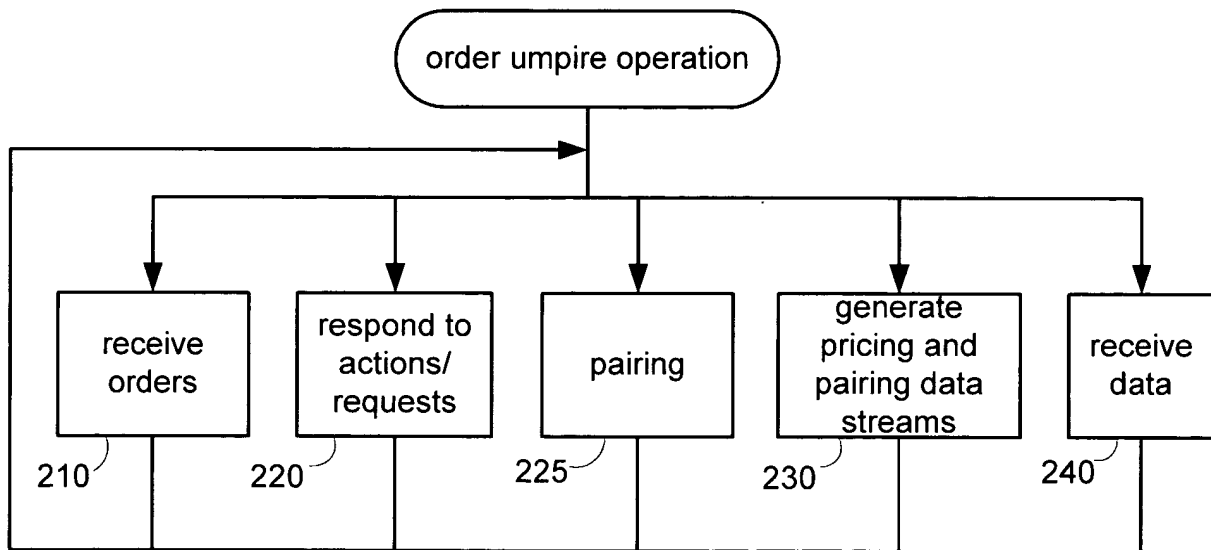


FIG. 5

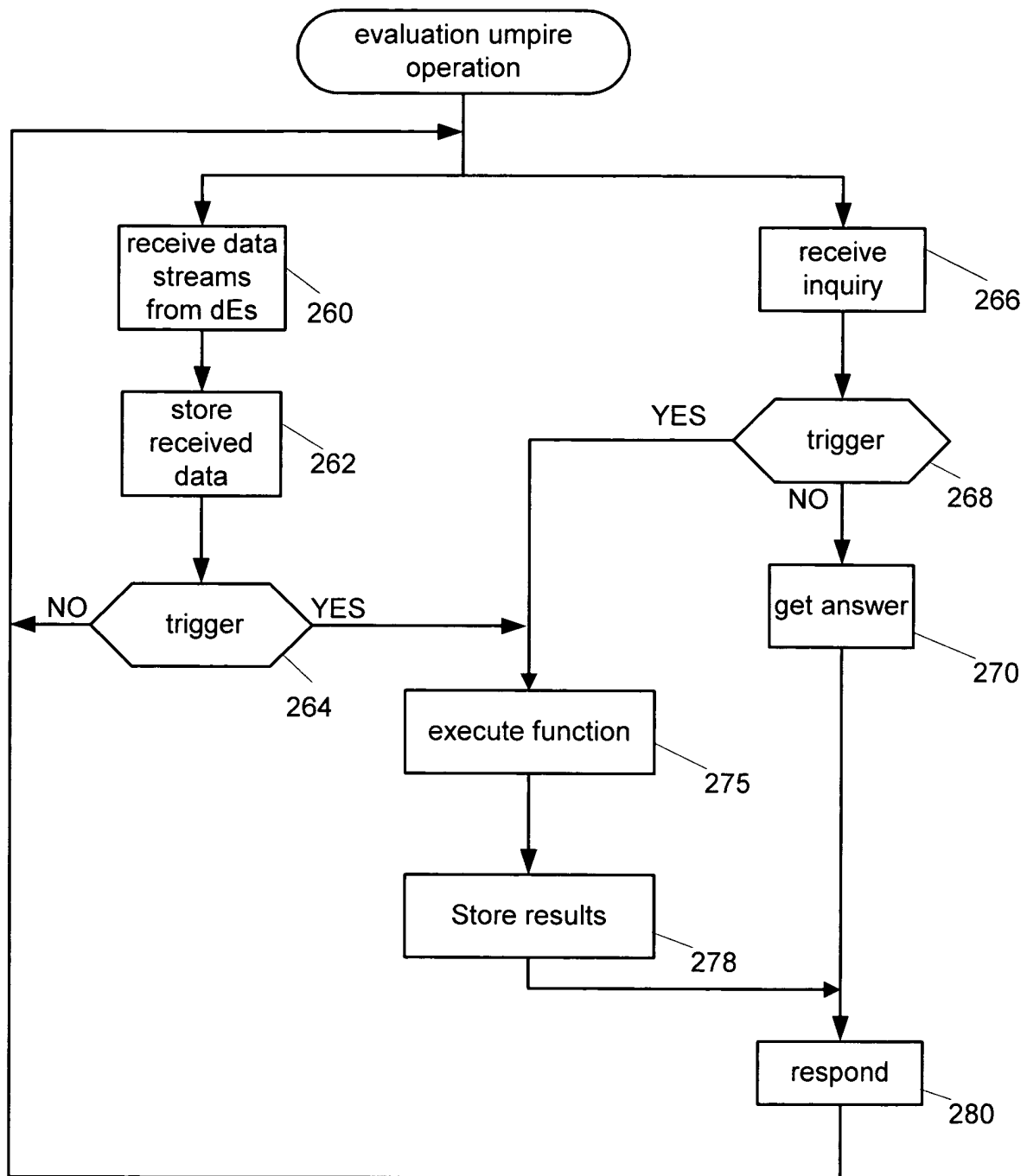


FIG. 6

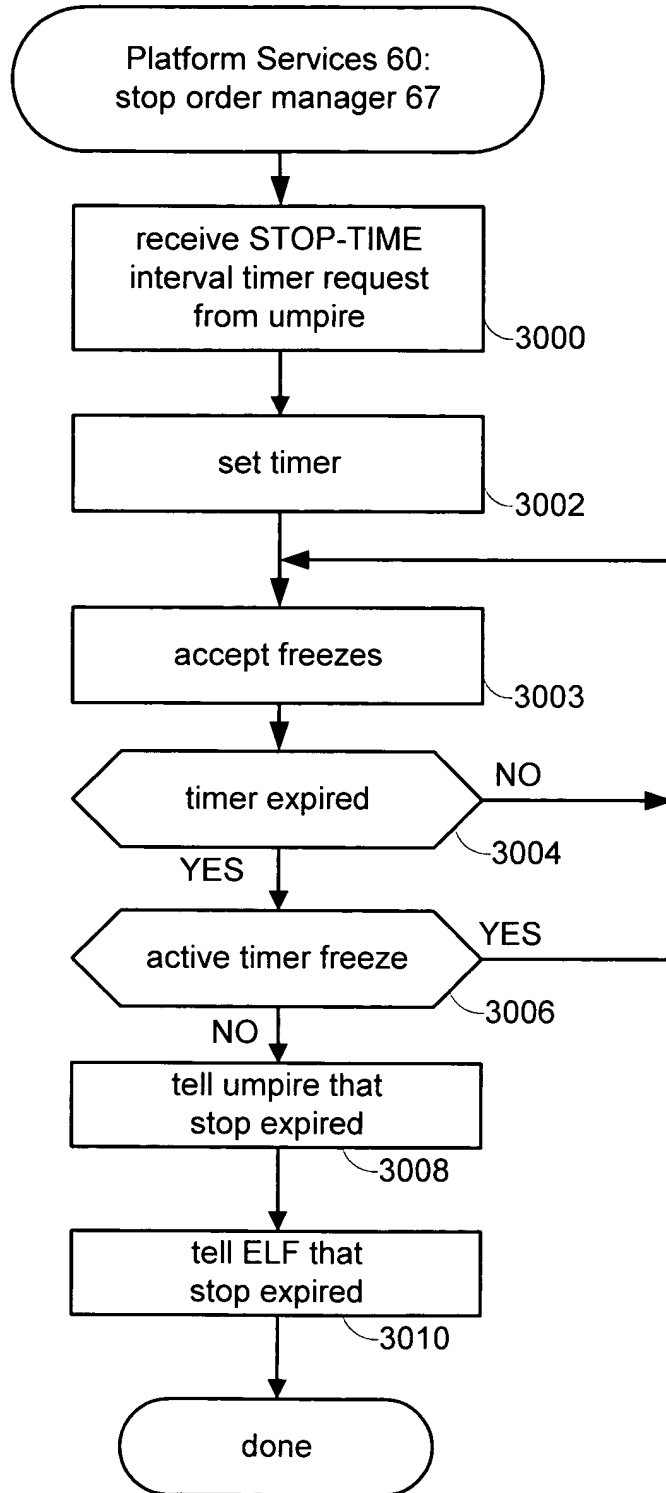


FIG. 7

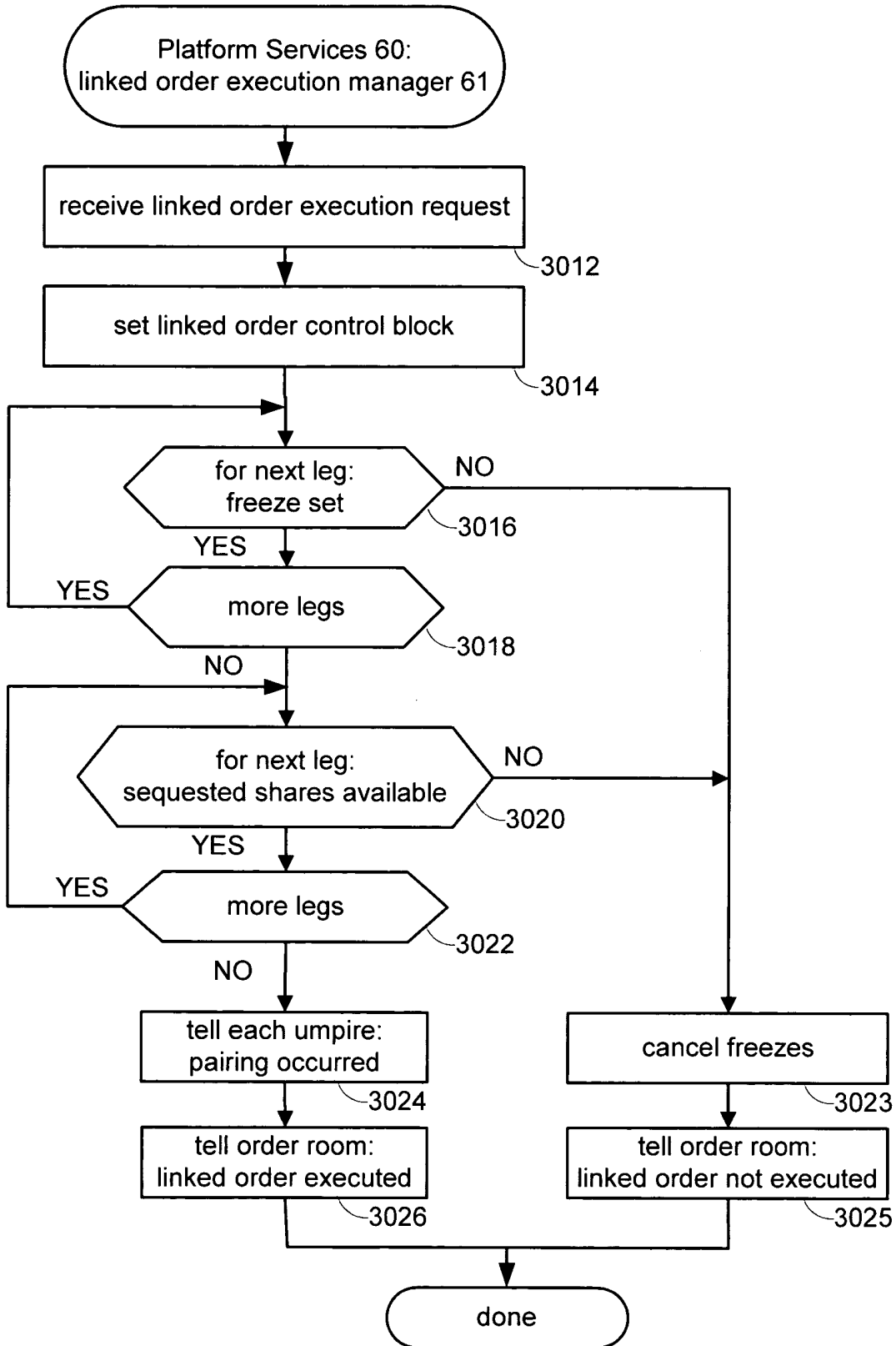


FIG. 8



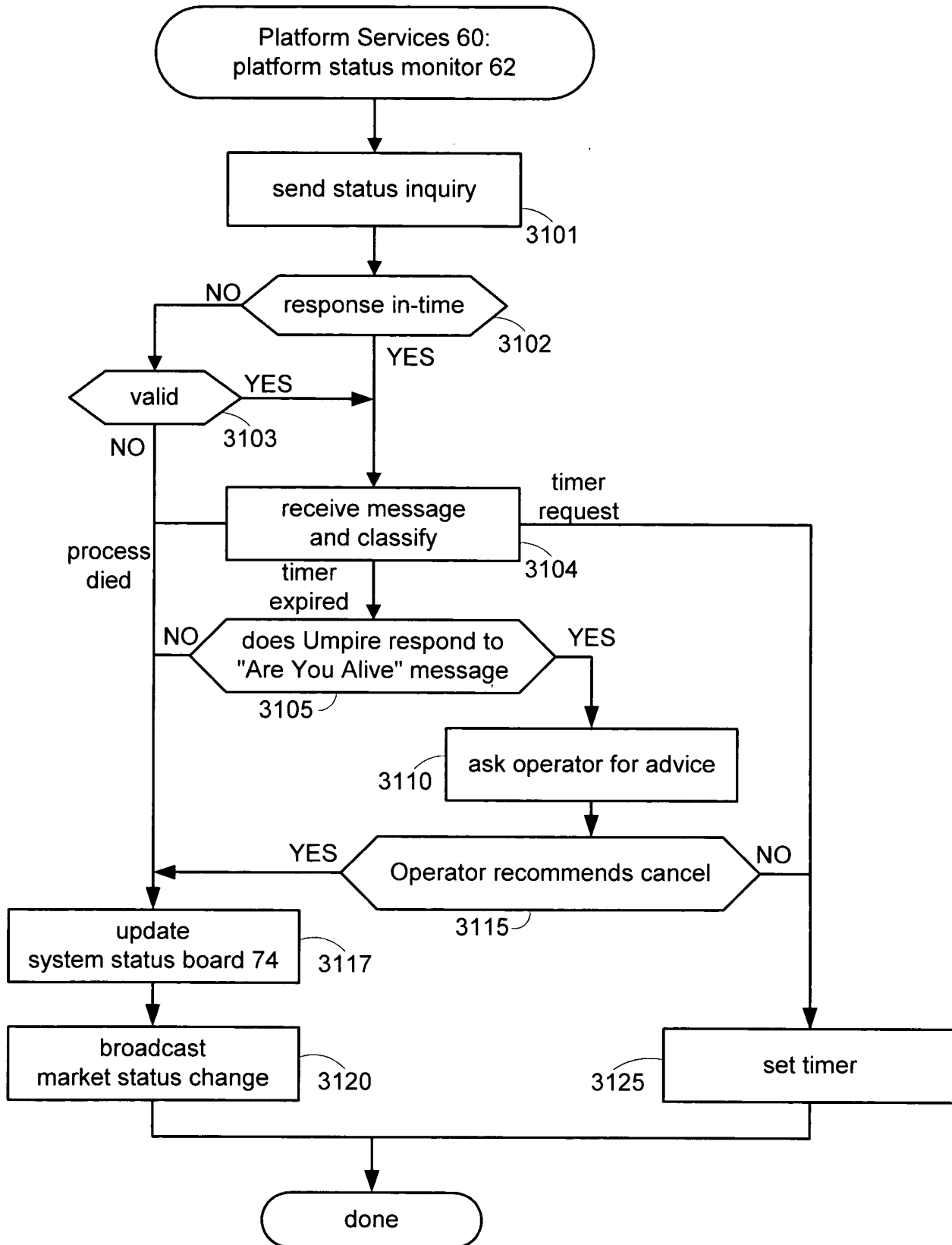


FIG. 9

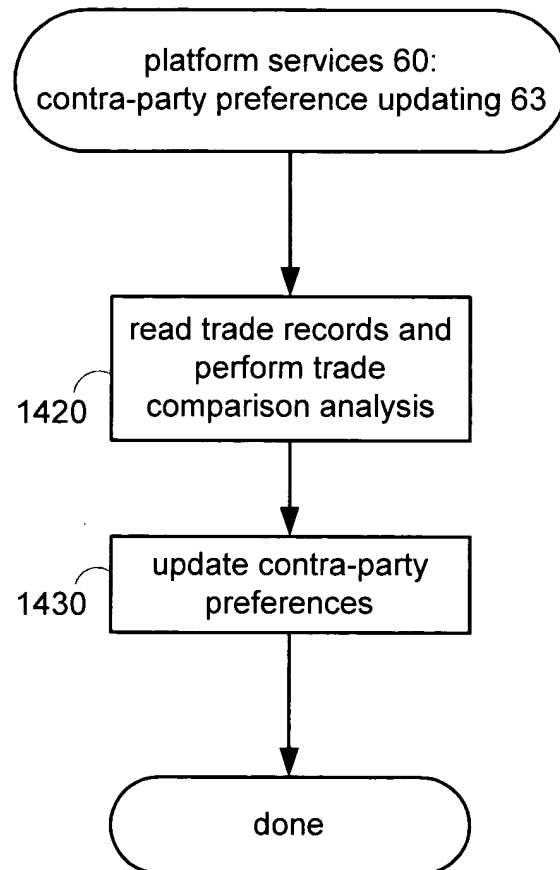


FIG. 10

		Status			
		Open/ Closed/ Suspended	Open/fast symbol/In- Process	List of ELFs Registered	(other status information)
Umpires	U1				
	U2				
	U3				
	U4				
	U5				
ELF 1					
ELF 2					
ELF 3					

74

FIG. 11

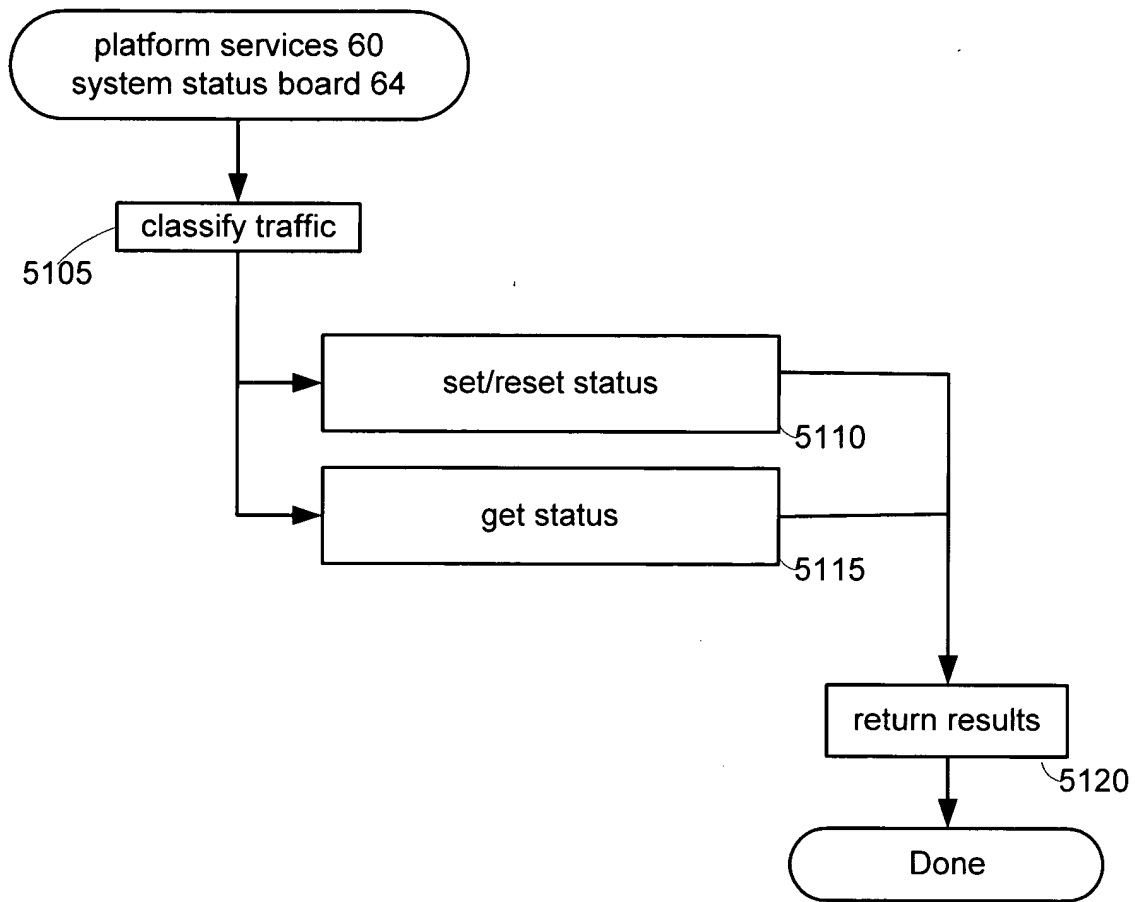


FIG. 12

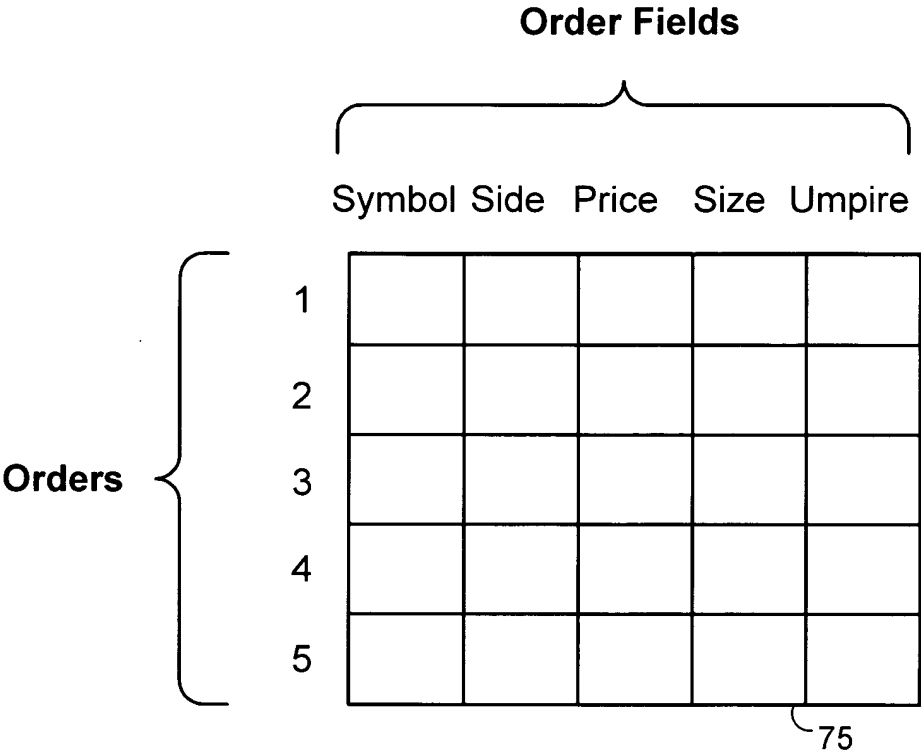
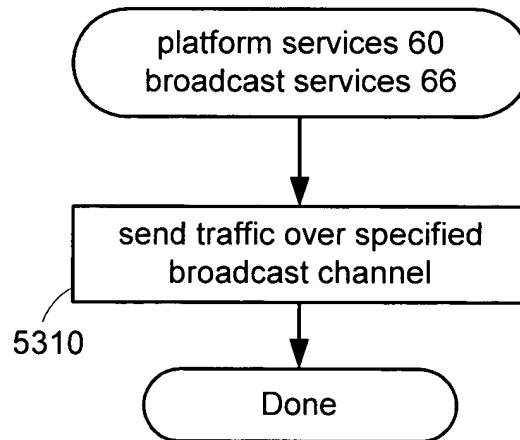
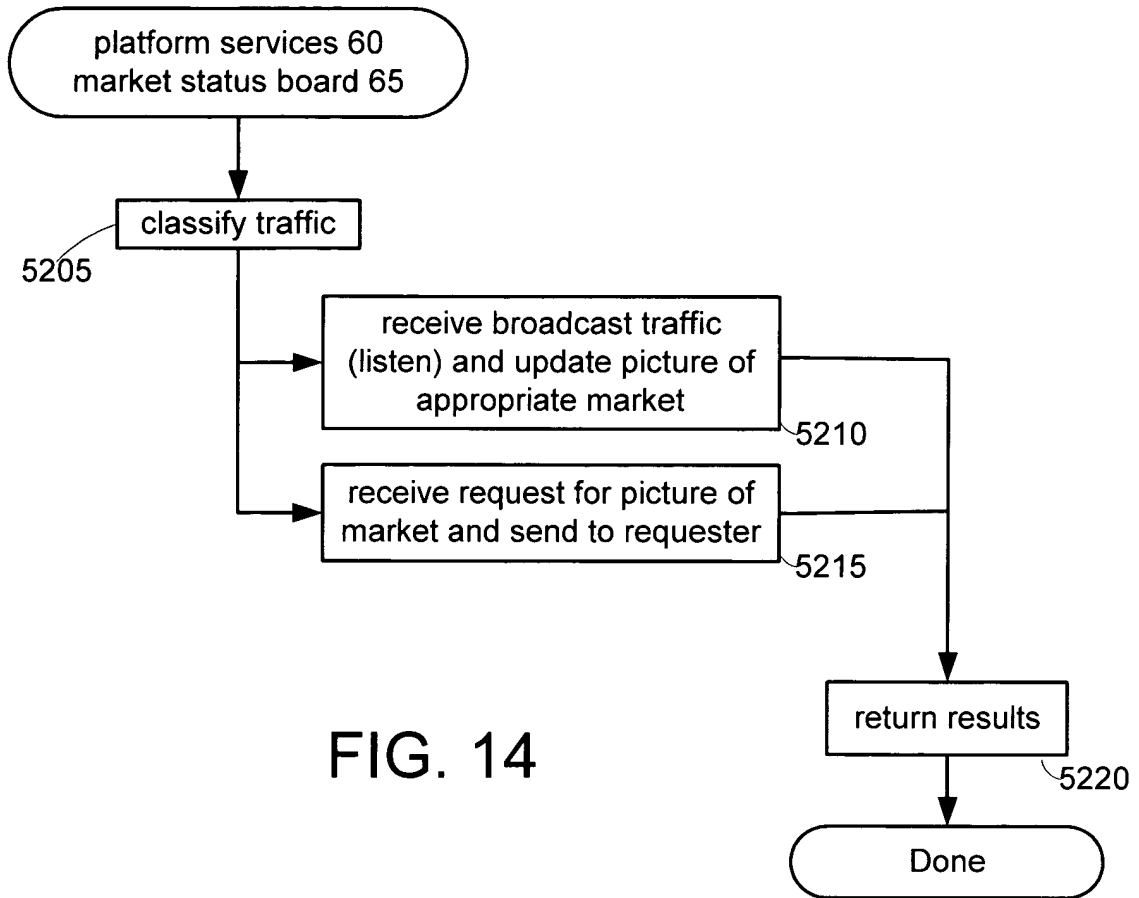


FIG. 13



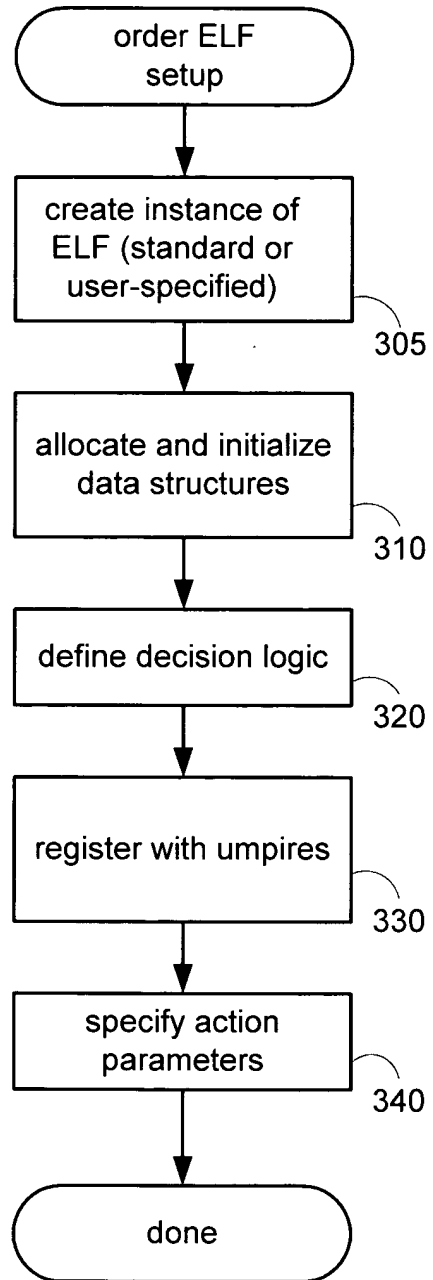


FIG. 16

110

sections	S-1	S-2	S-3		S-s
holding tanks	H-1	H-2	H-3		H-h
orders waiting in holding tanks	order-1				
	order-2				
	order-n				

FIG. 17

condition cells					action cells				

FIG. 18



name of		attributes	default	
symbol	type		value	value

150

FIG. 19

umpire 342
umpire 30
.
.
.
umpire 154

130

FIG. 20

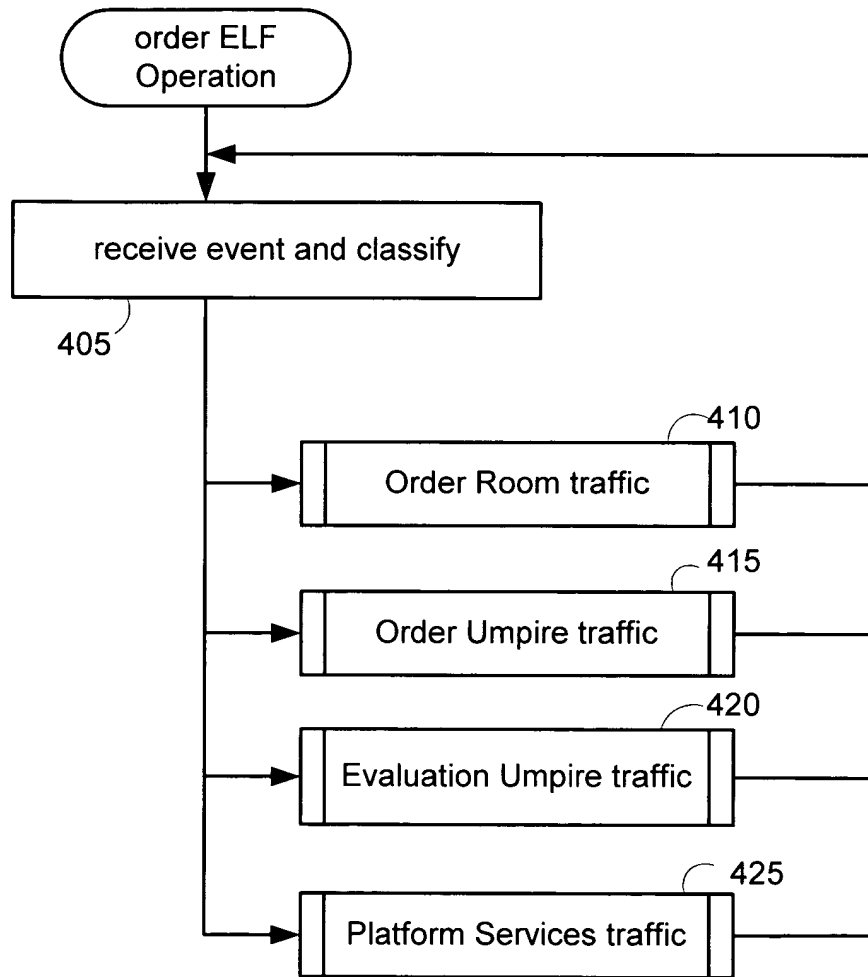


FIG. 21

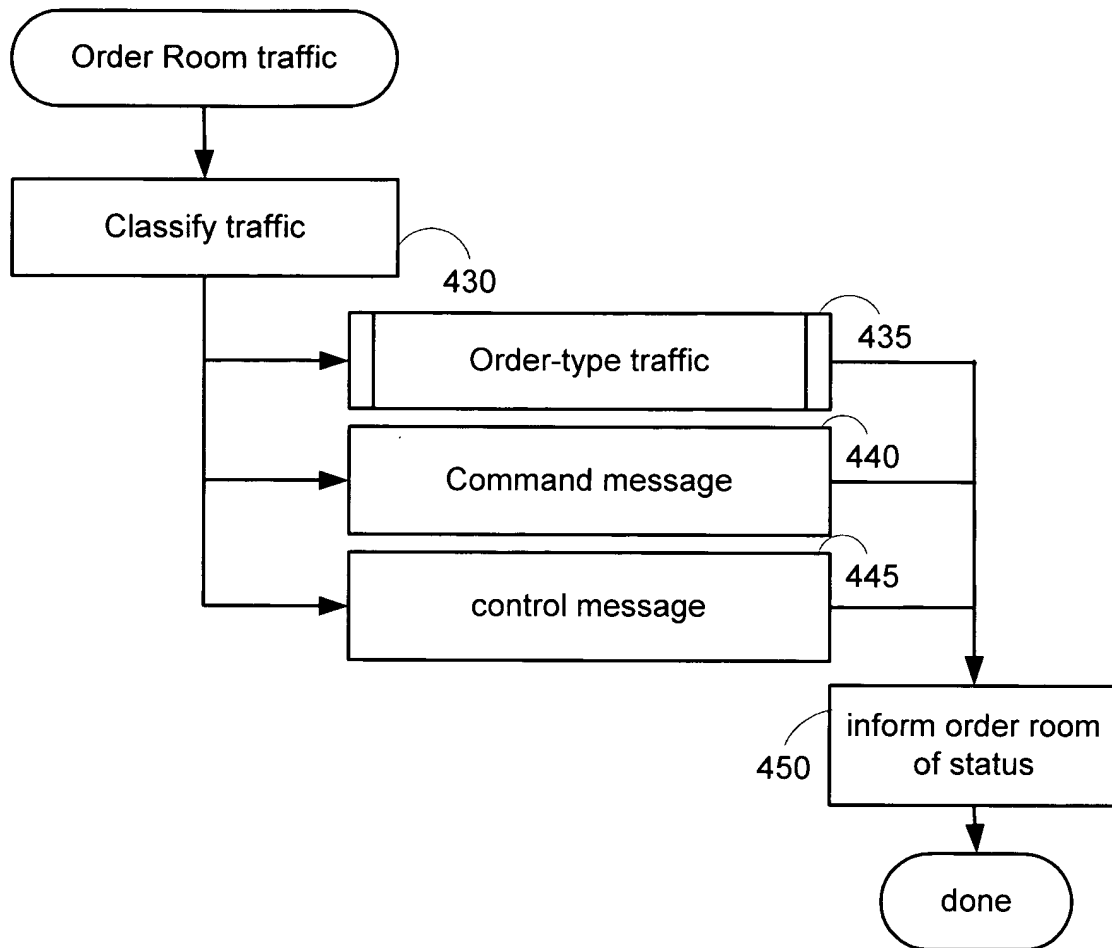


FIG. 22

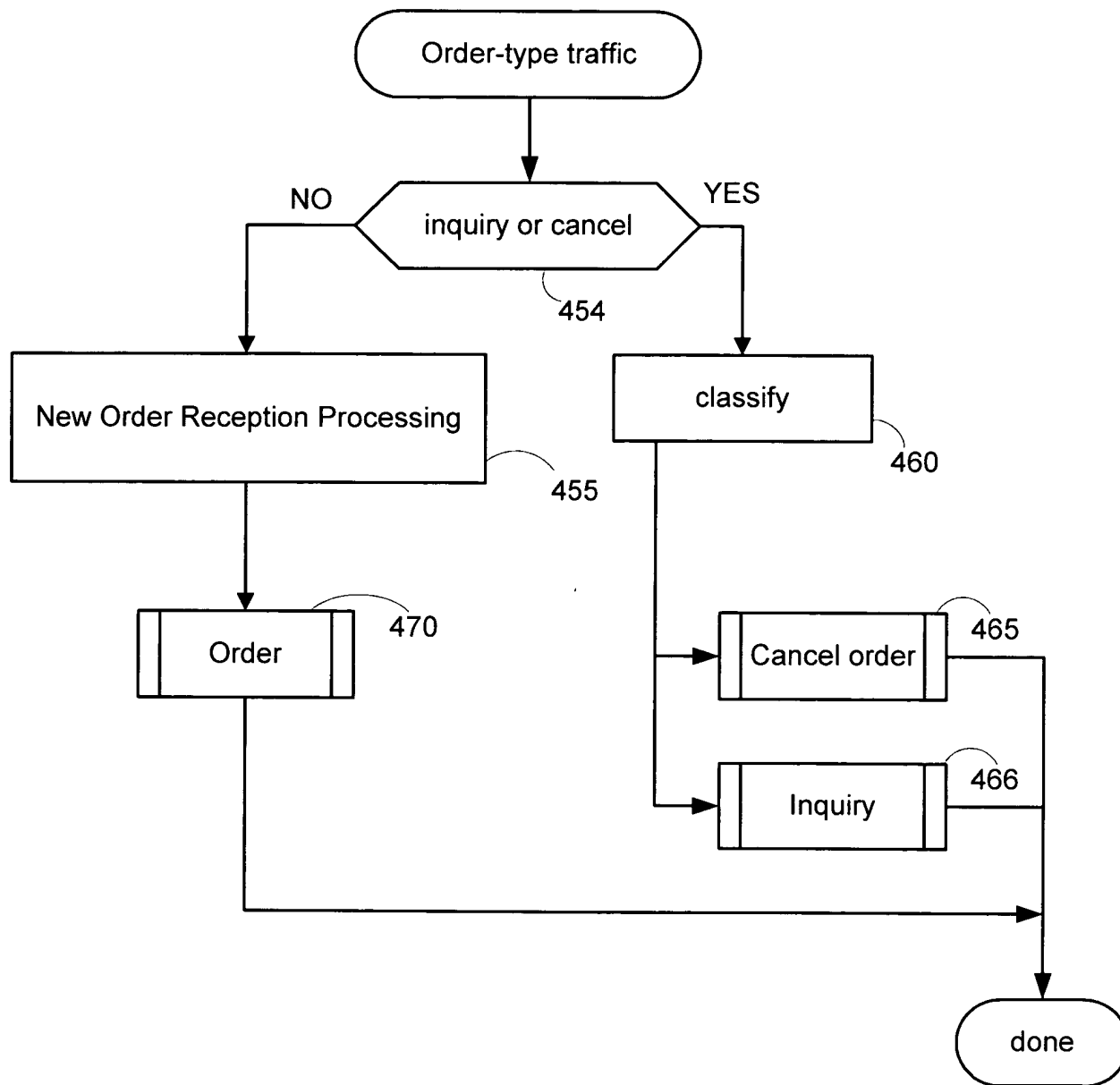


FIG. 23

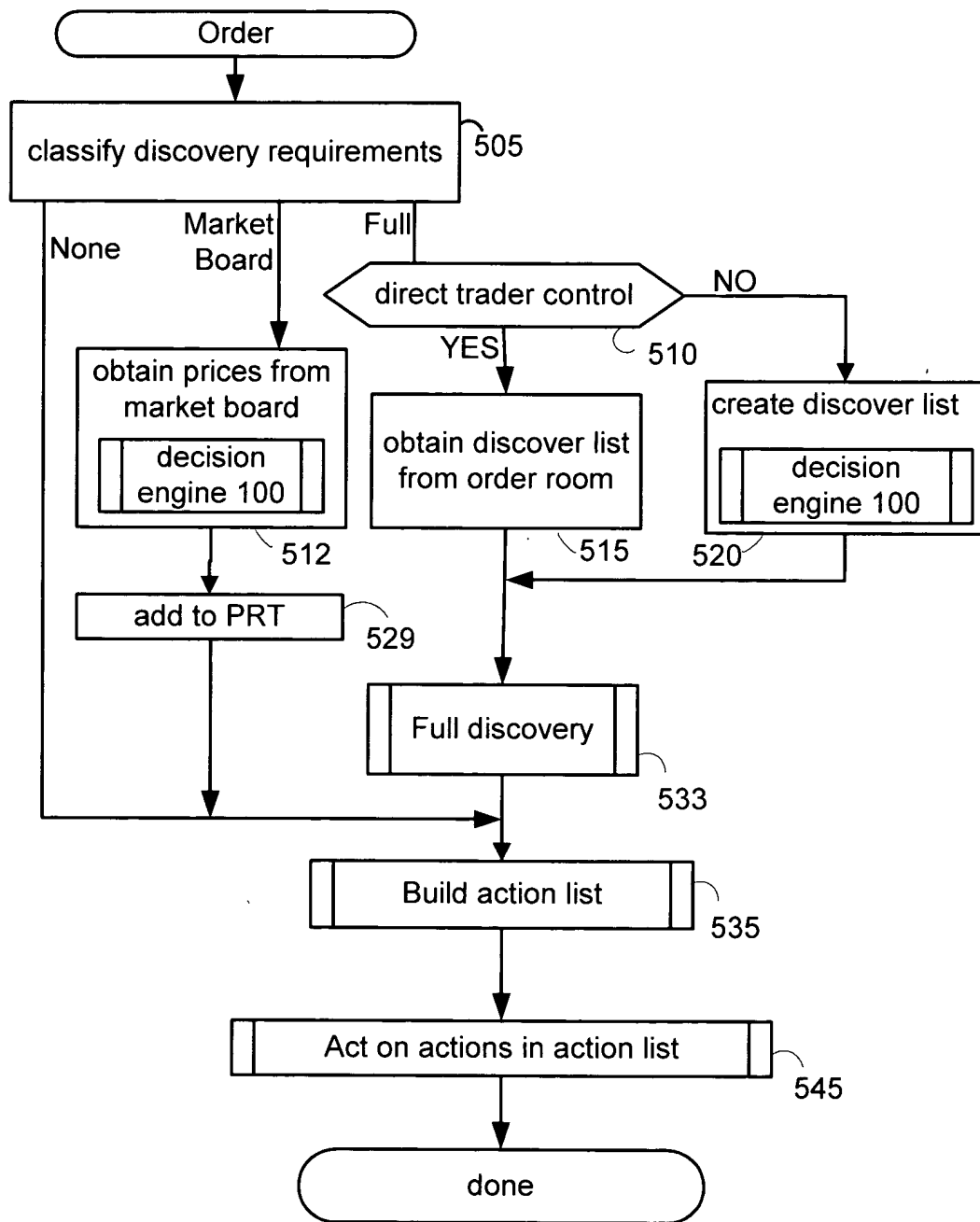


FIG. 24

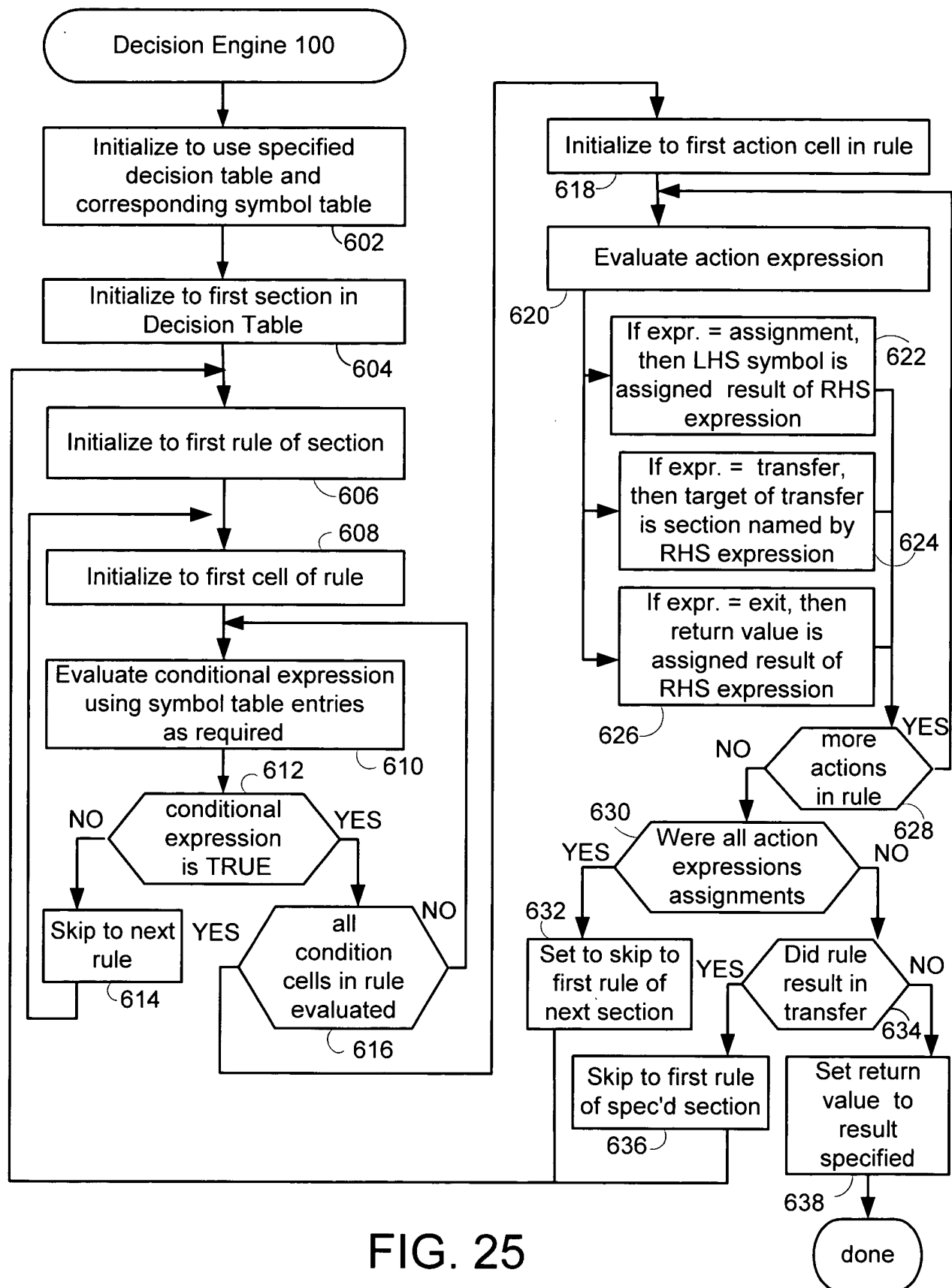


FIG. 25

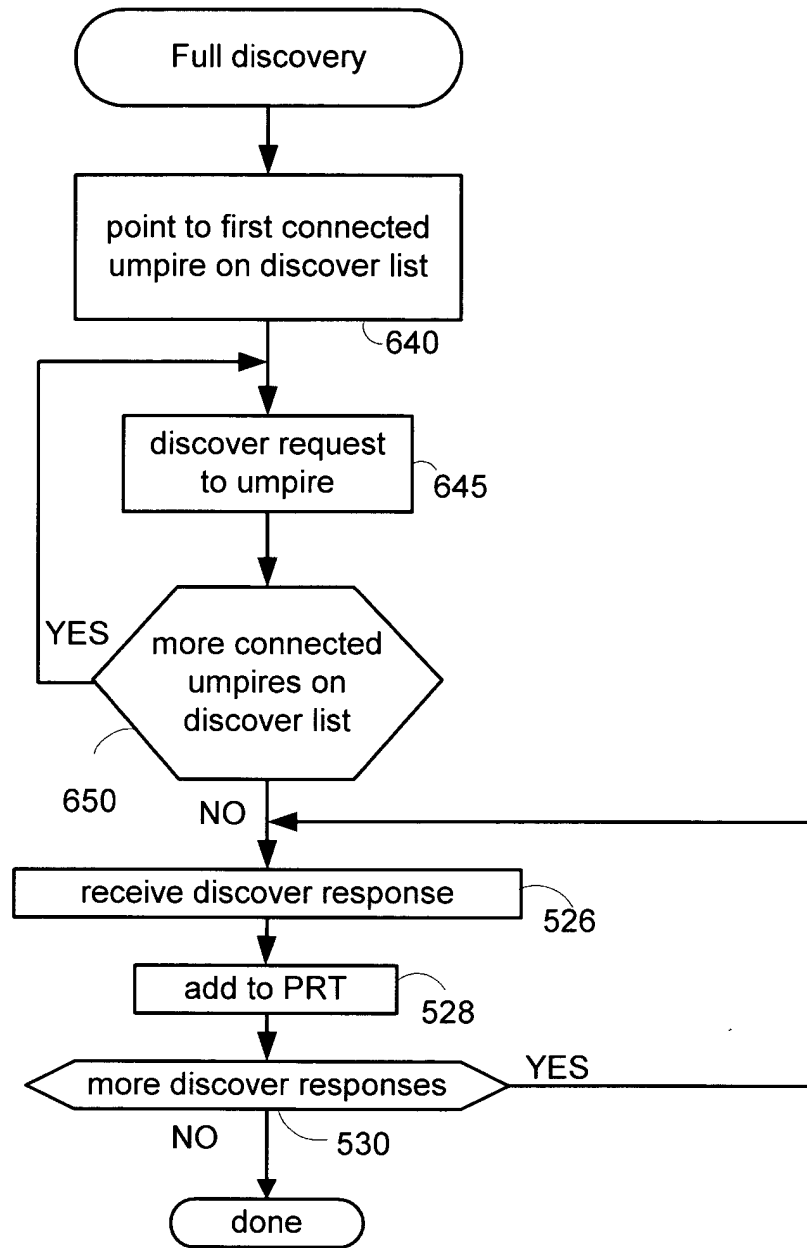


FIG. 26

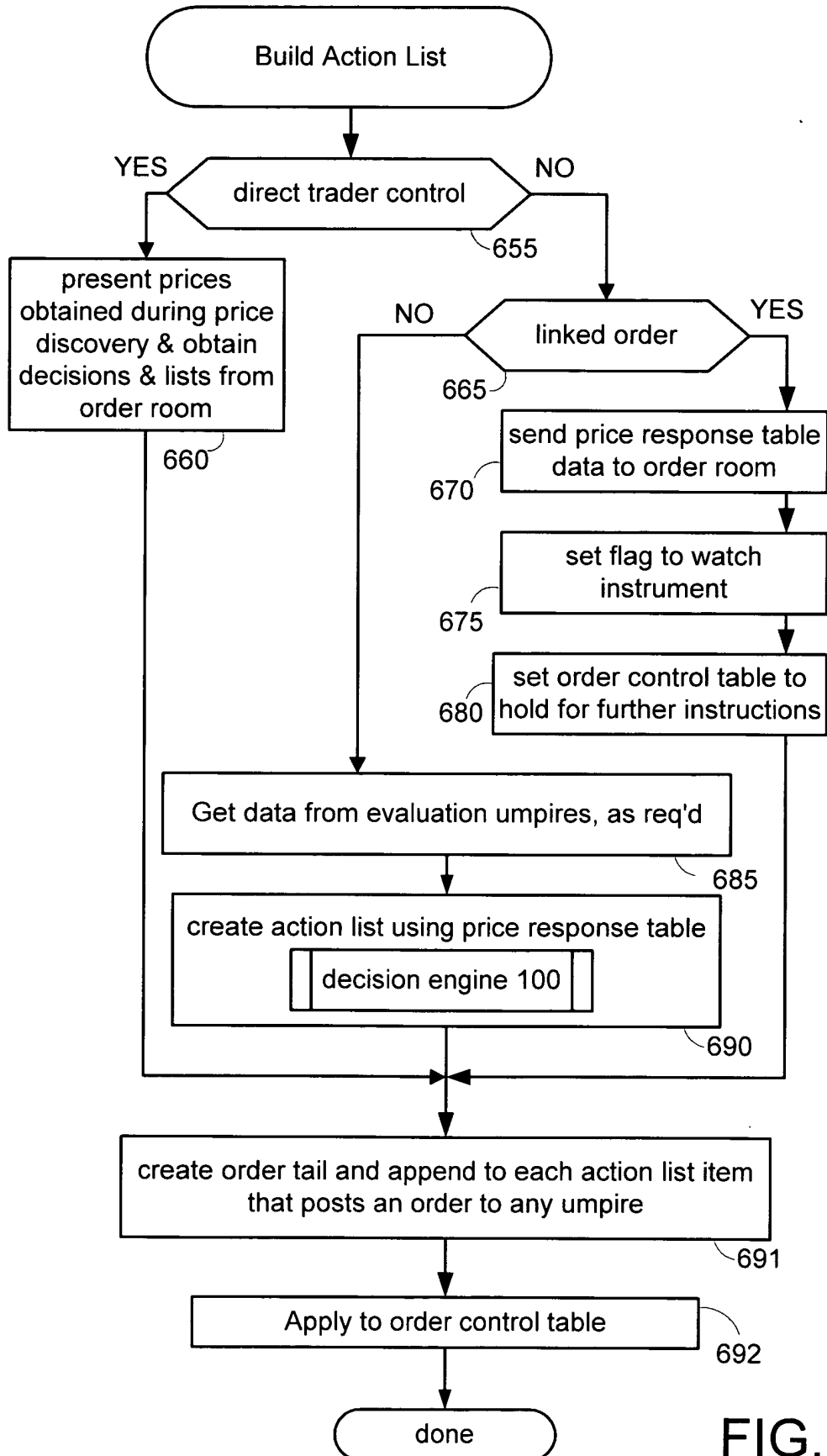


FIG. 27



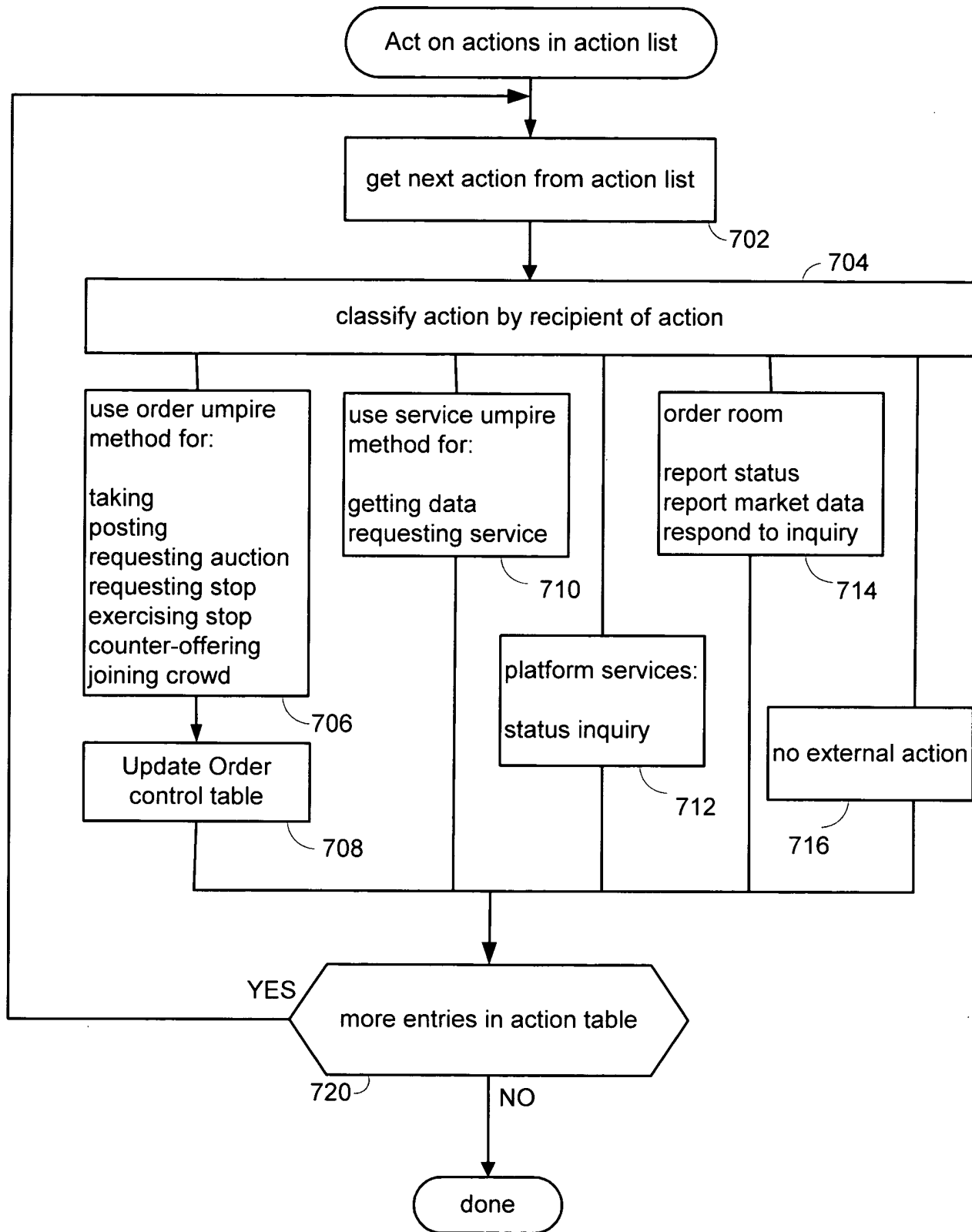


FIG. 28

FIG. 29A

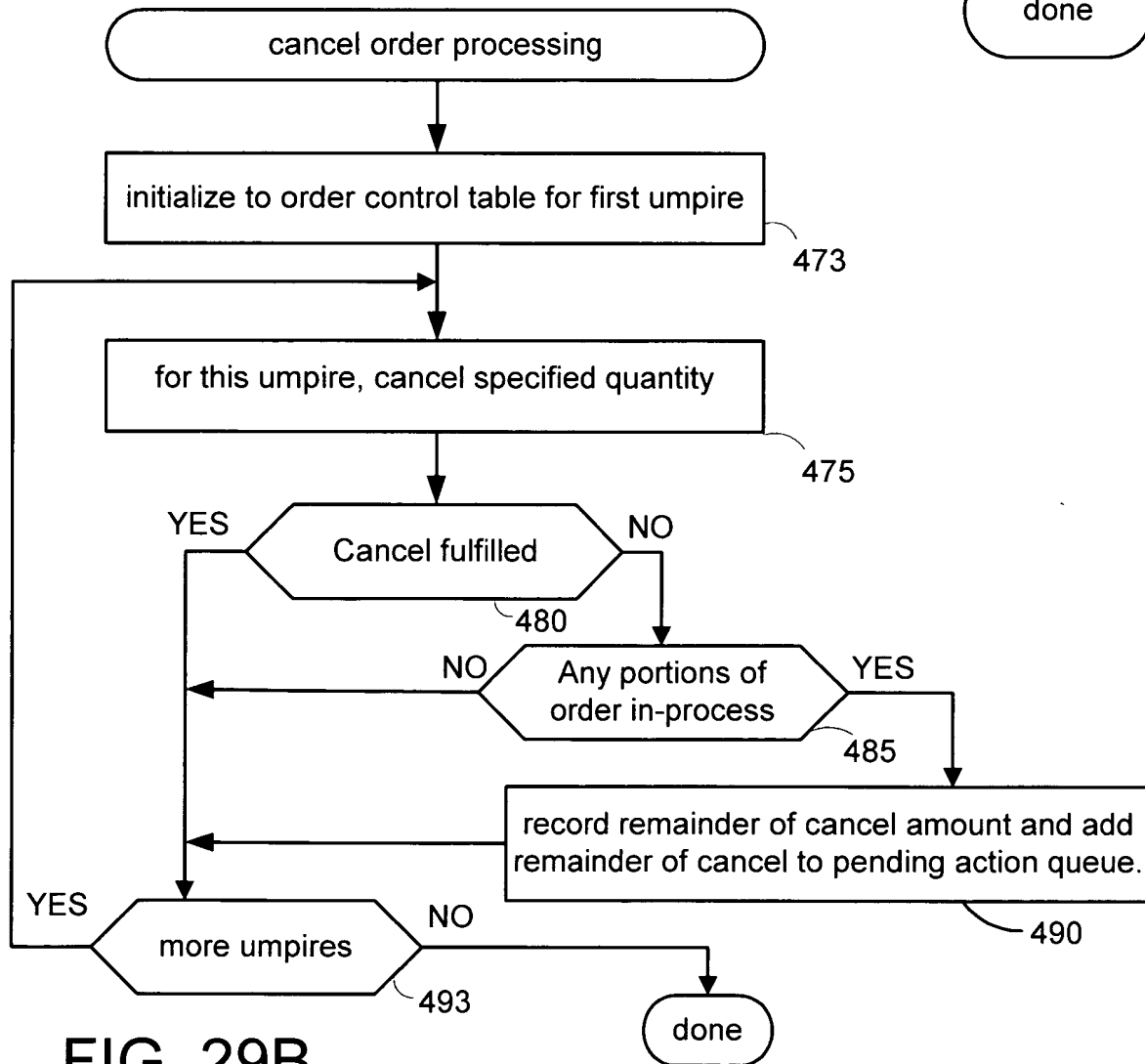
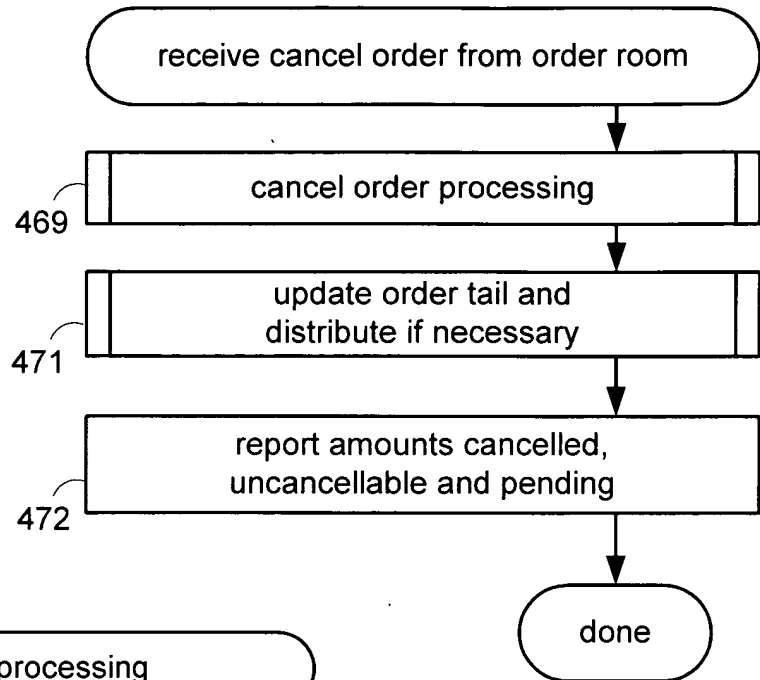


FIG. 29B

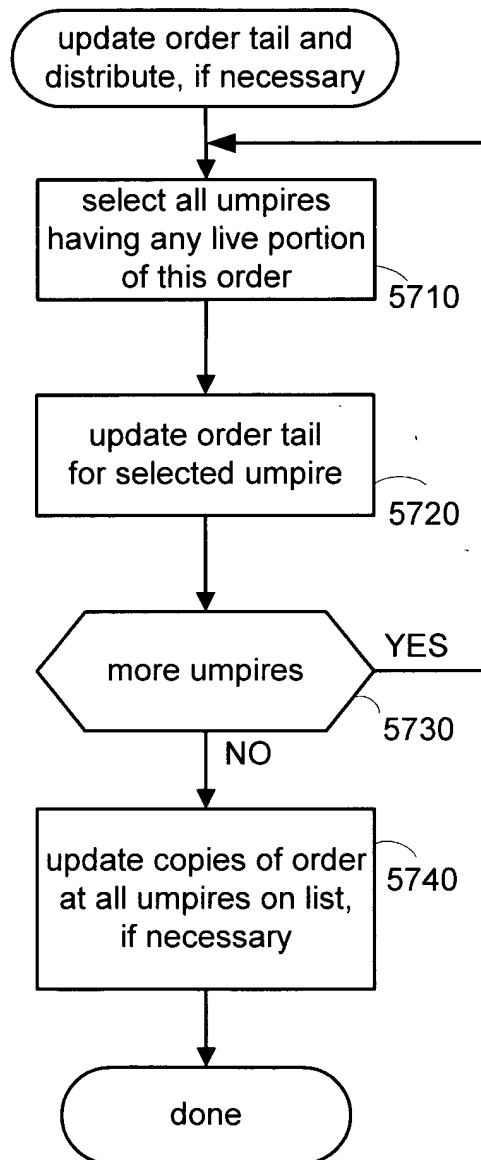


FIG. 30

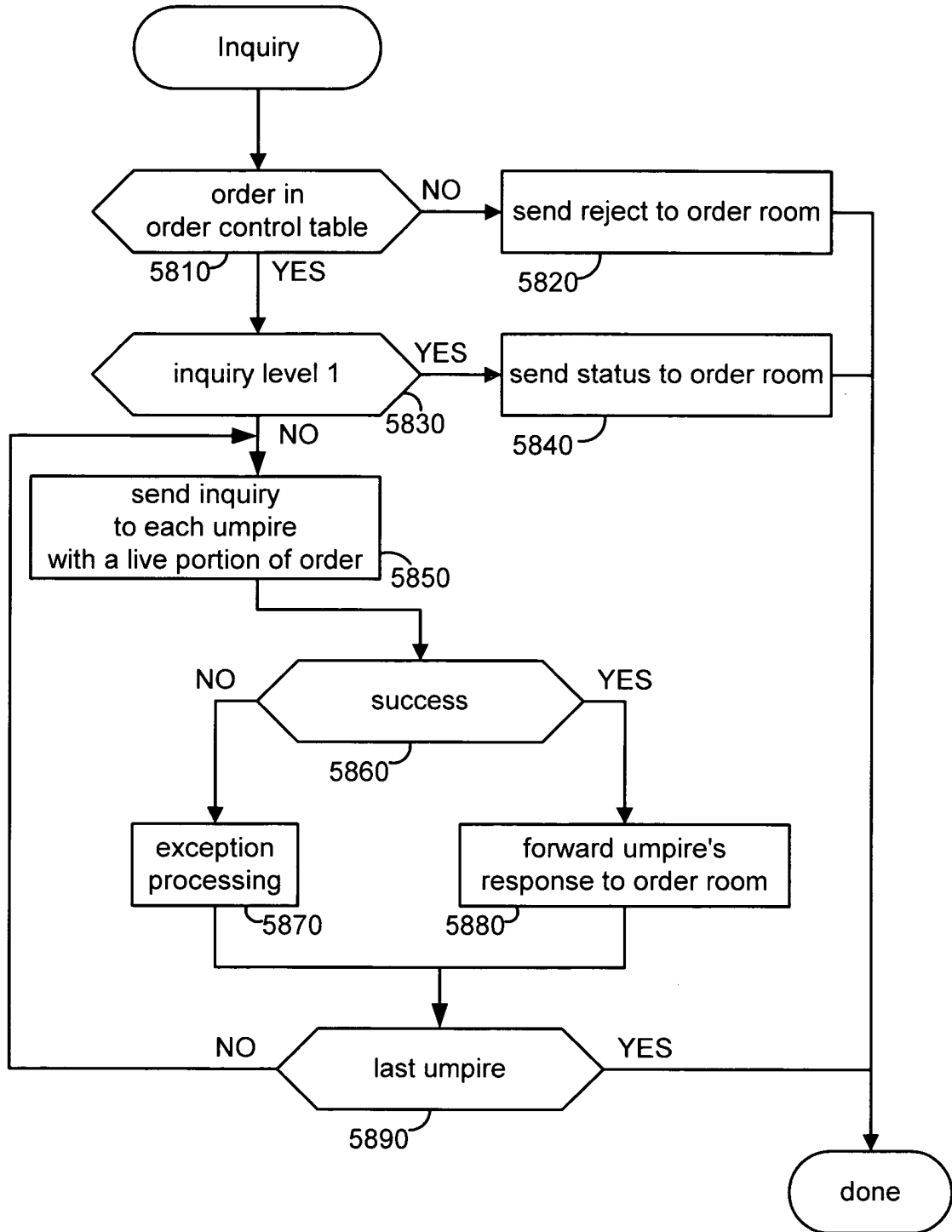


FIG. 31

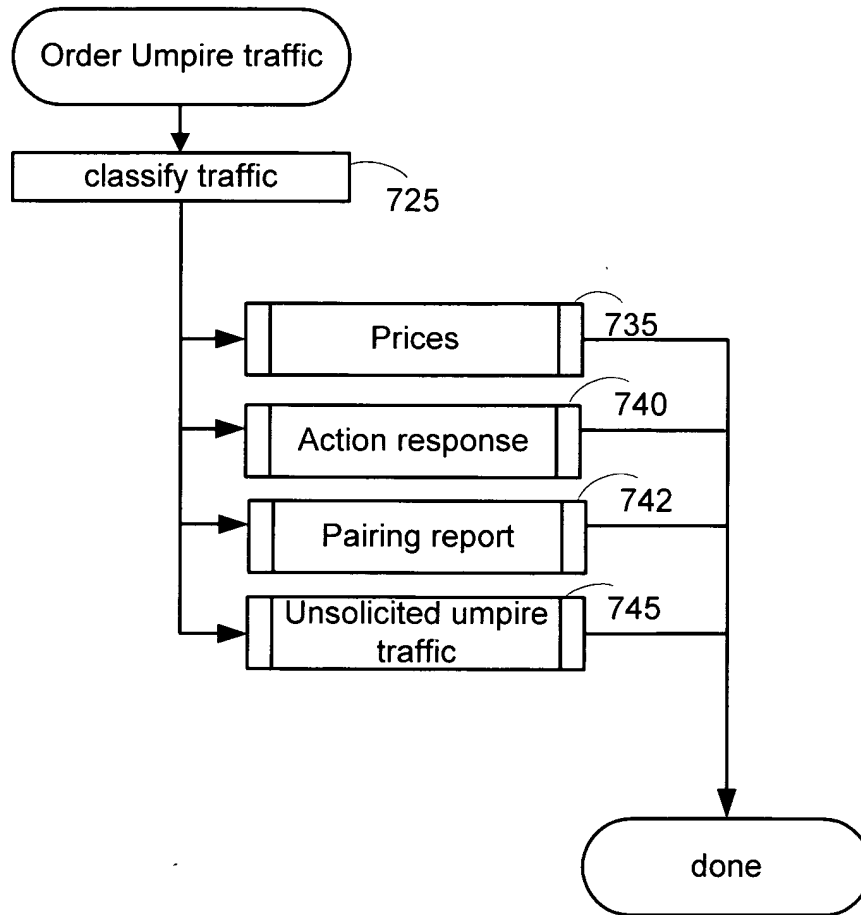


FIG. 32

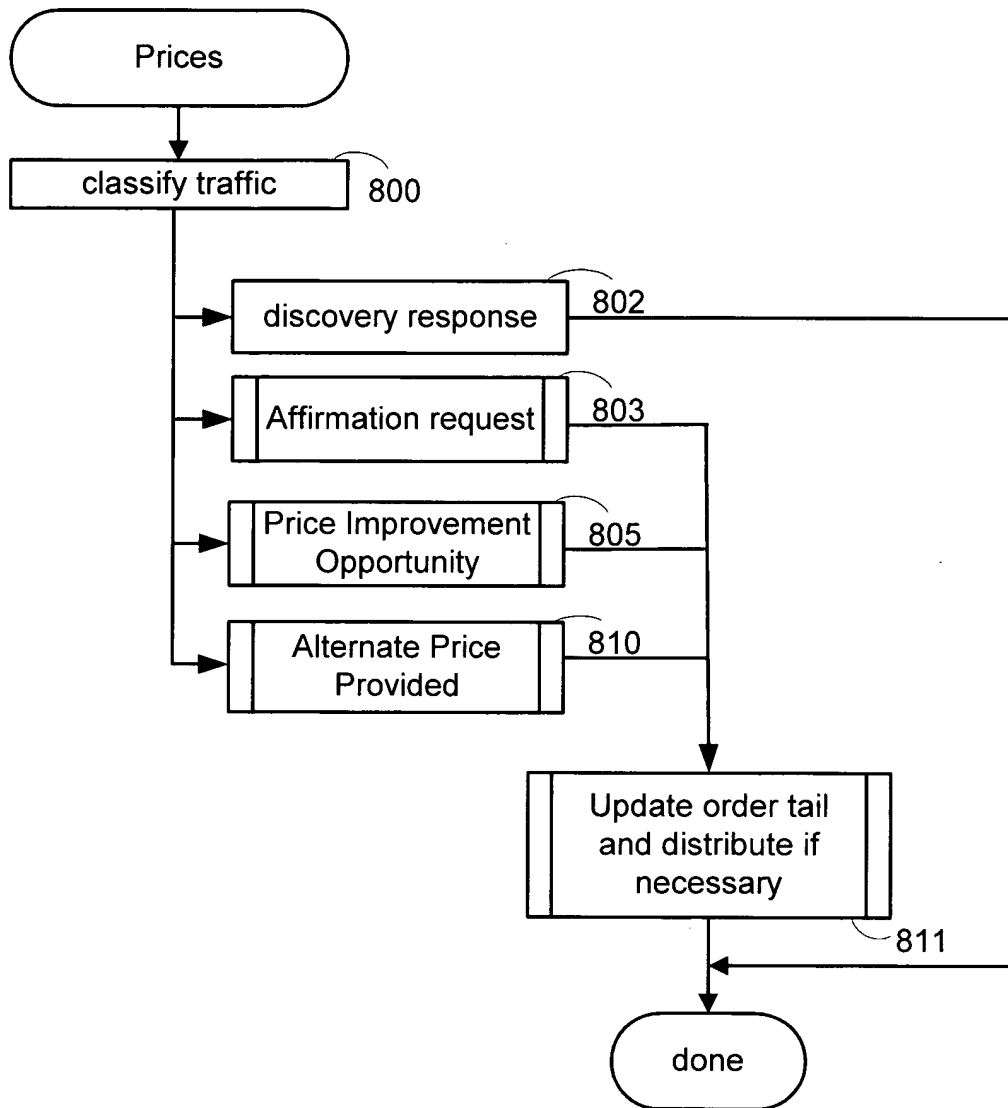


FIG. 33

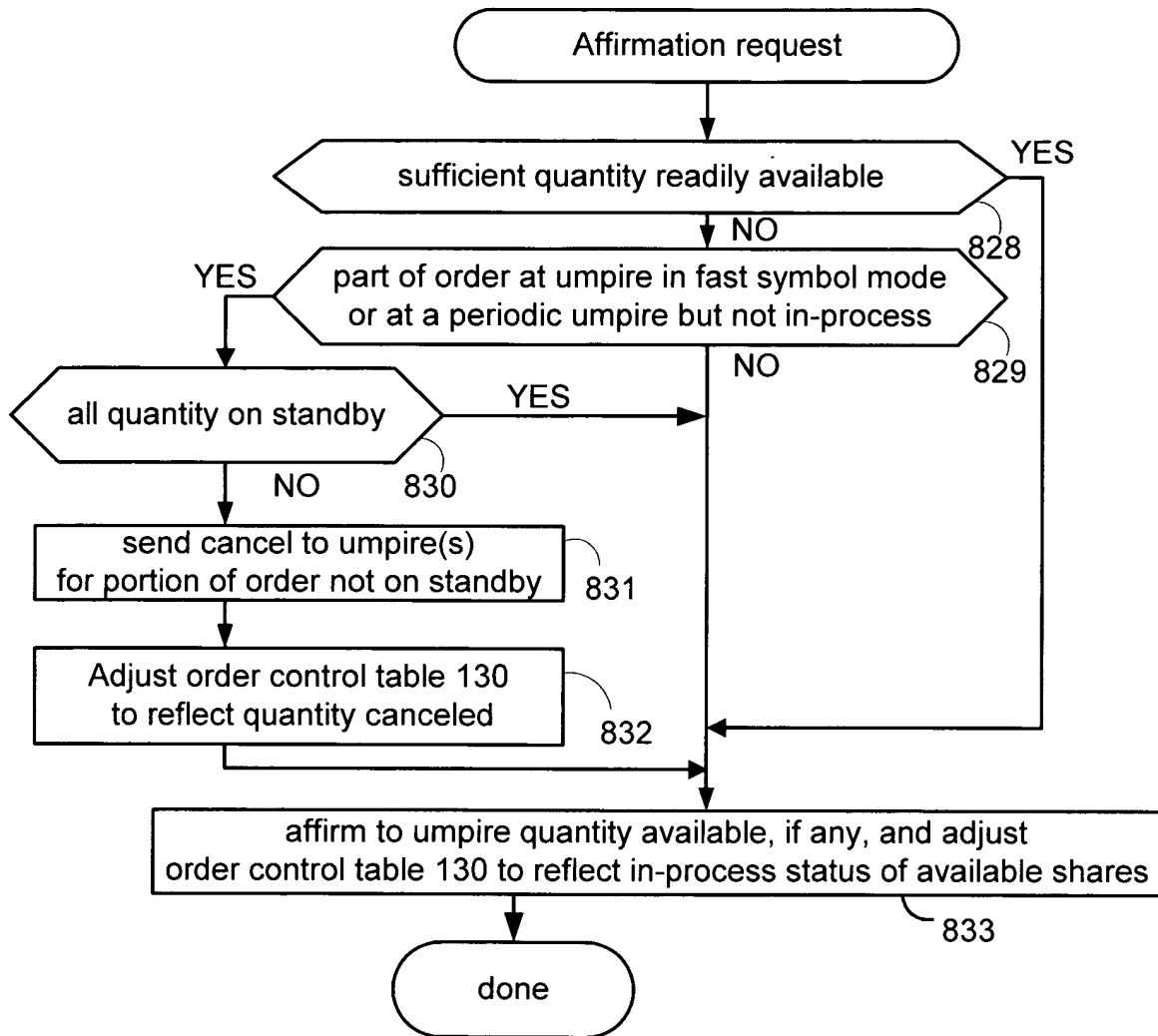


FIG. 34

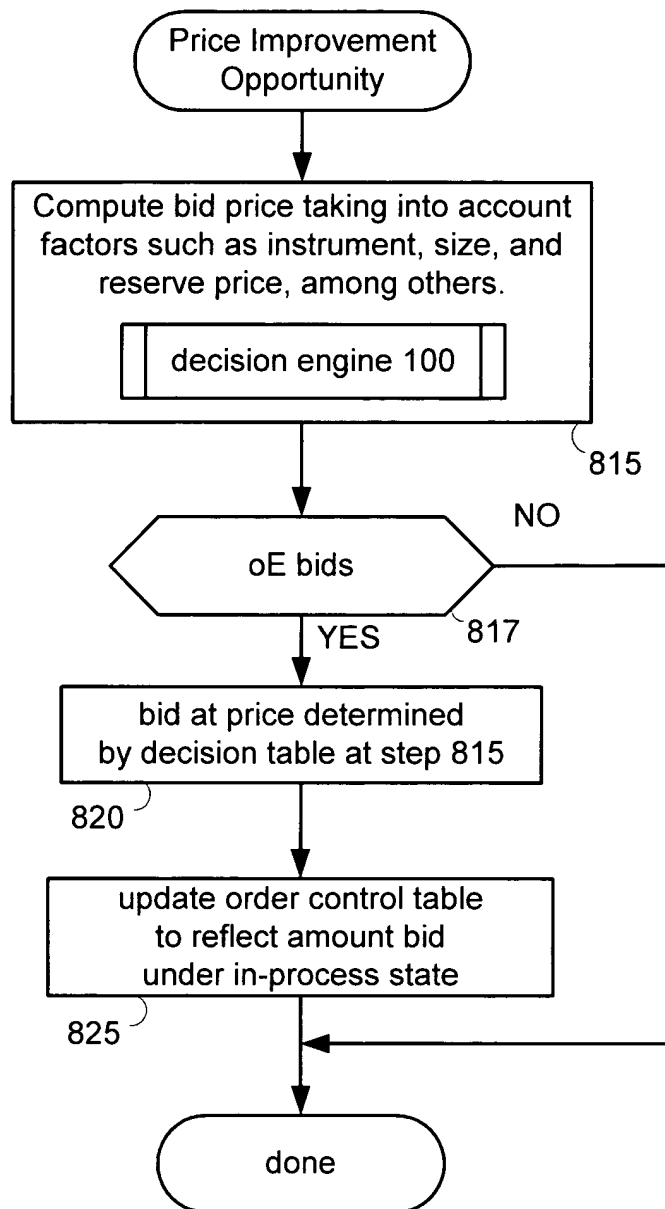


FIG. 35



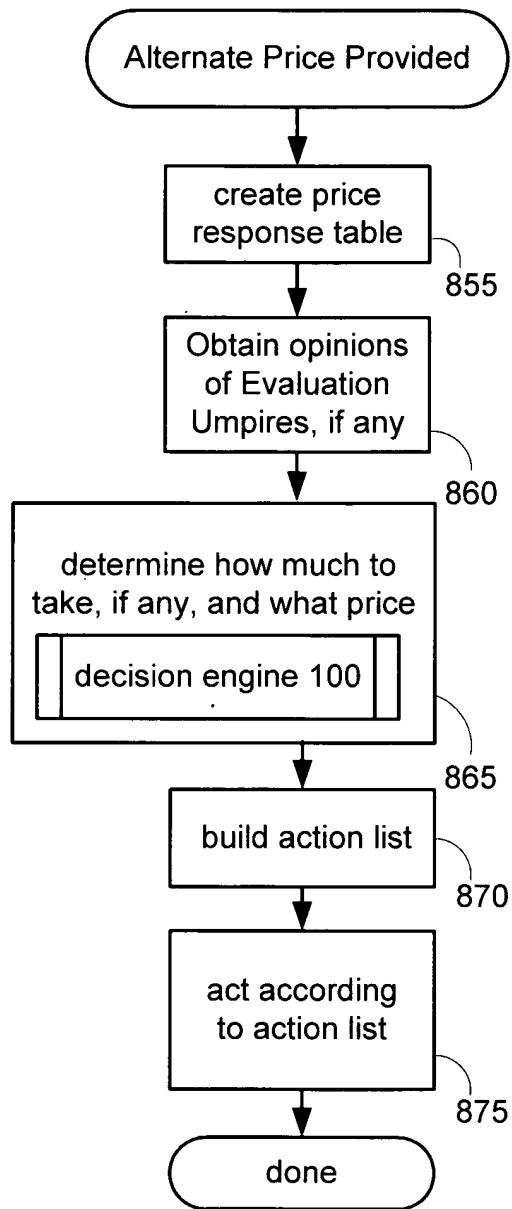


FIG. 36

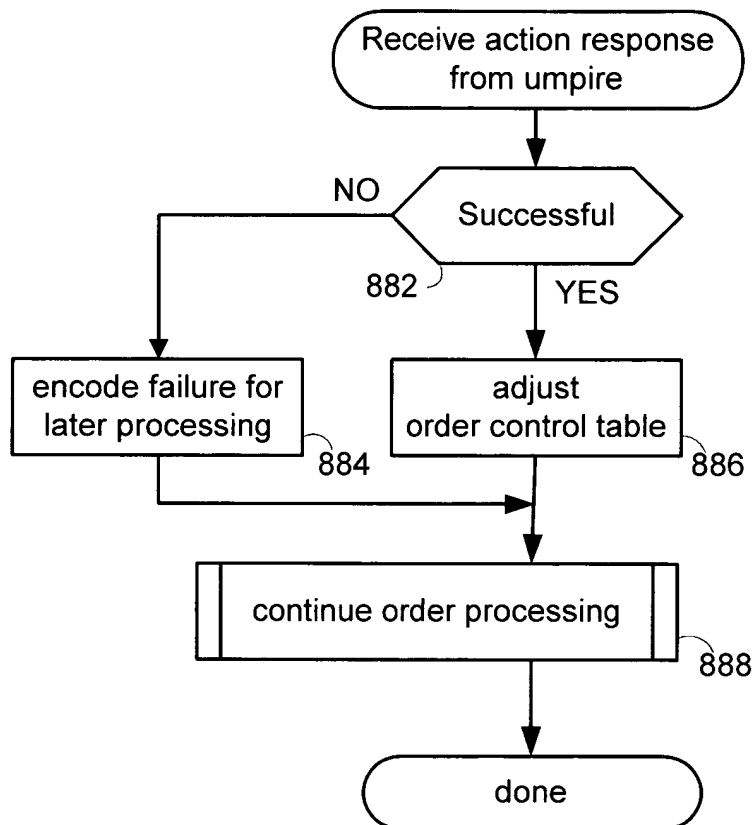


FIG. 37

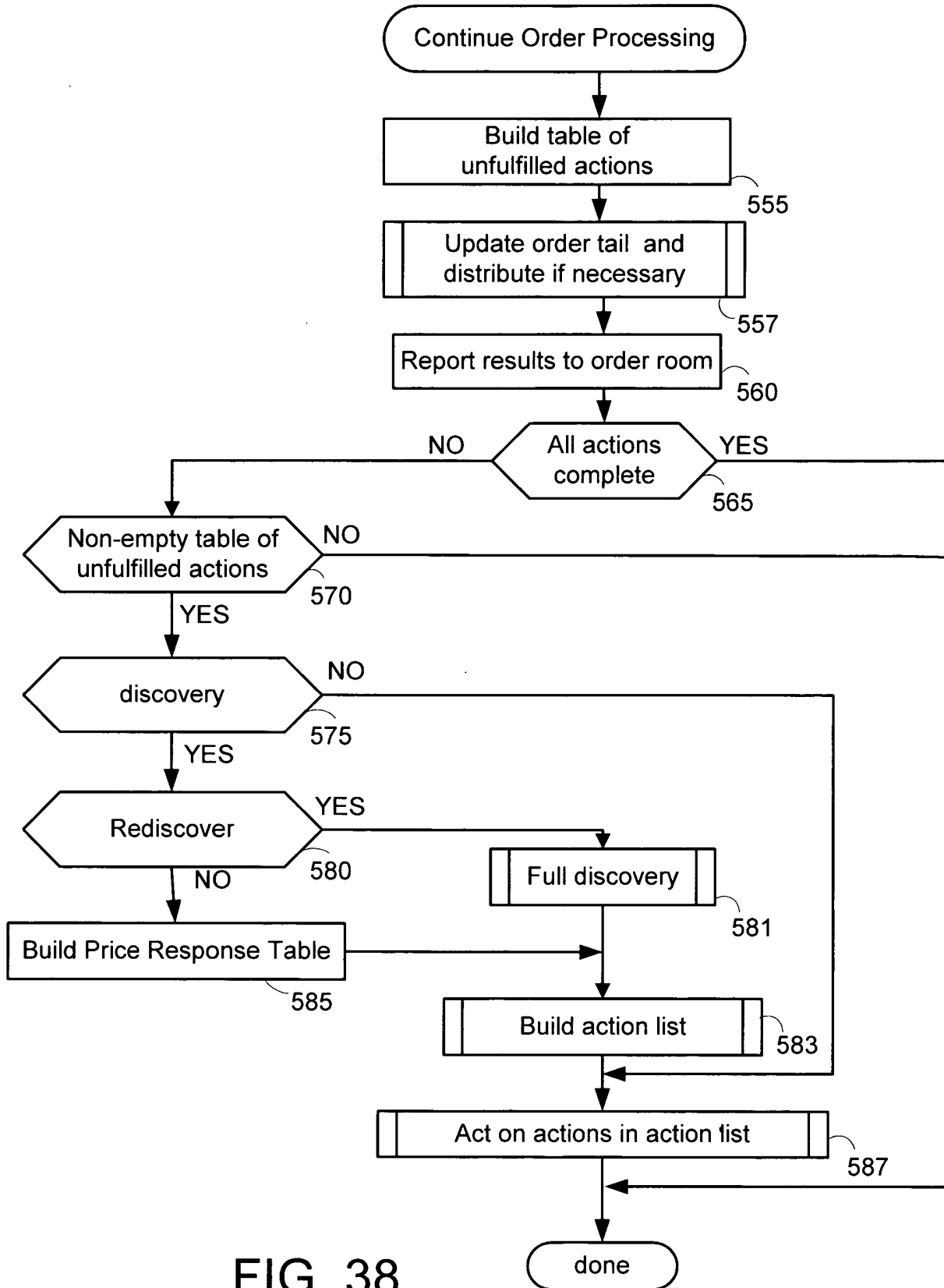


FIG. 38

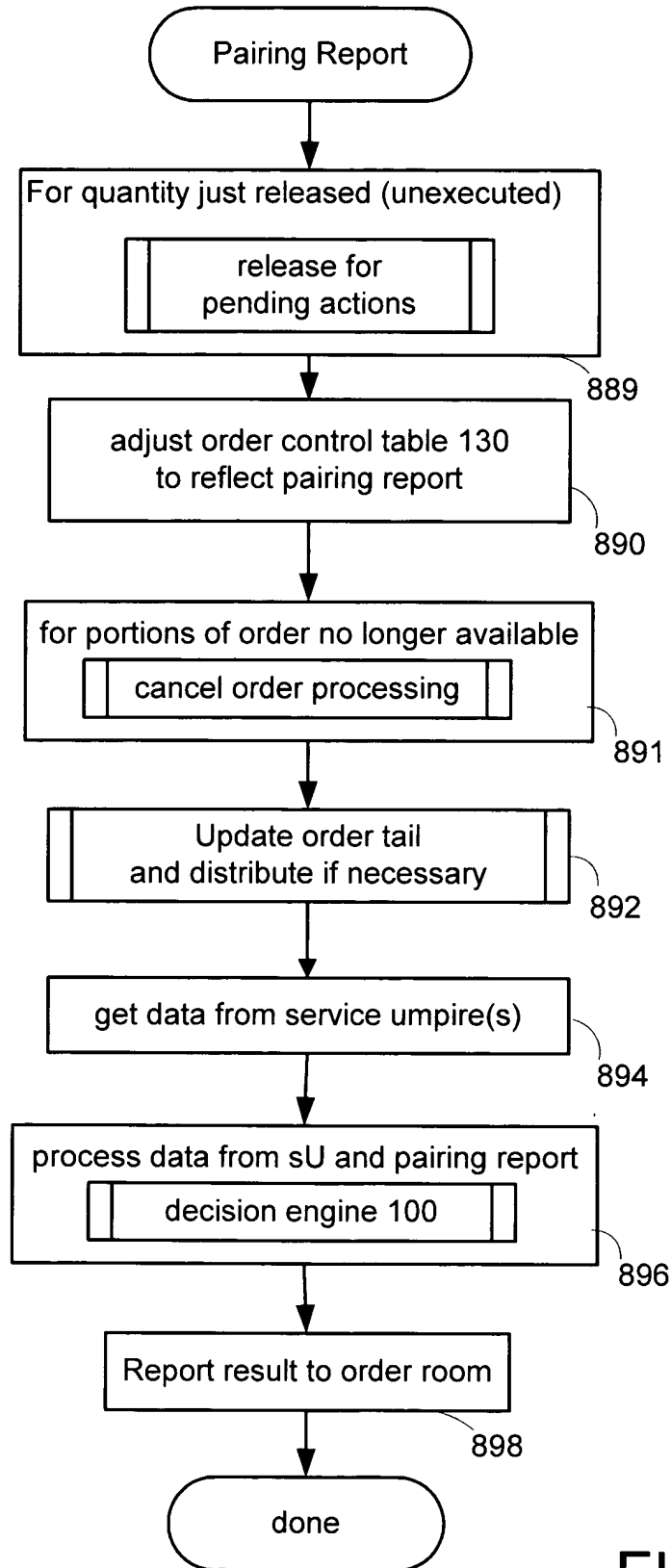


FIG. 39

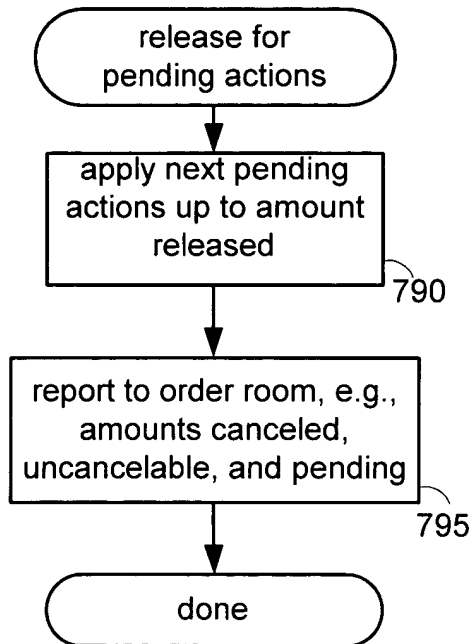


FIG. 40

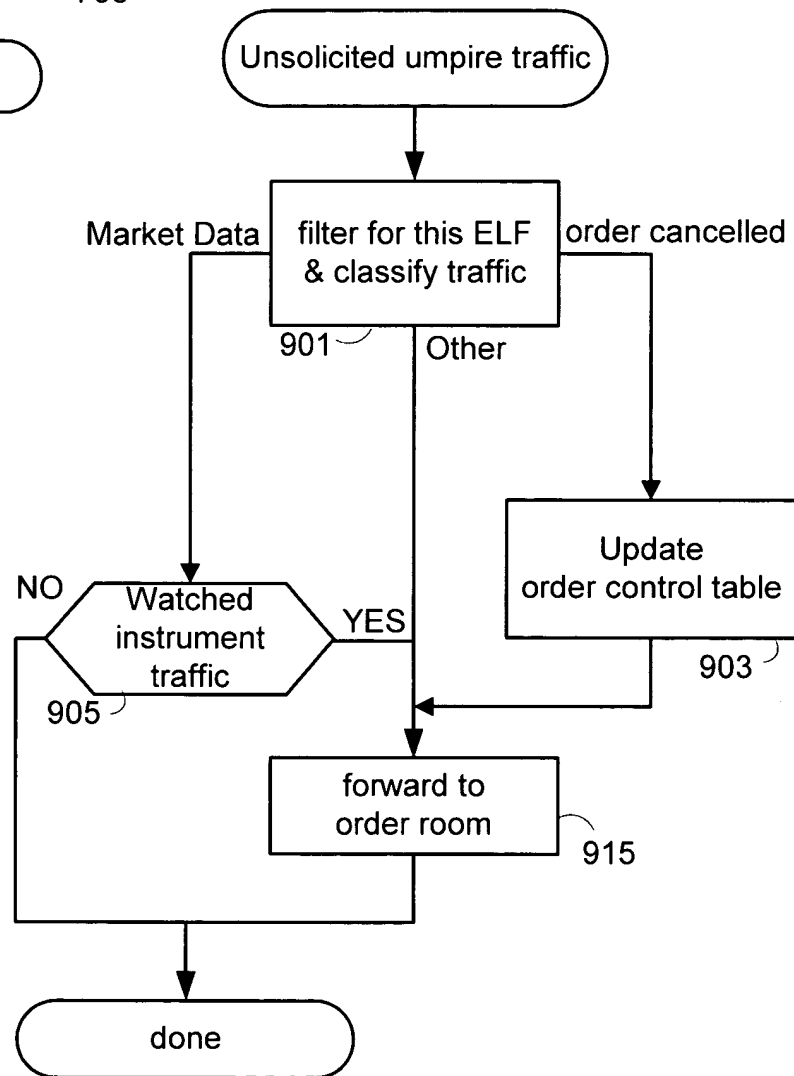


FIG. 41

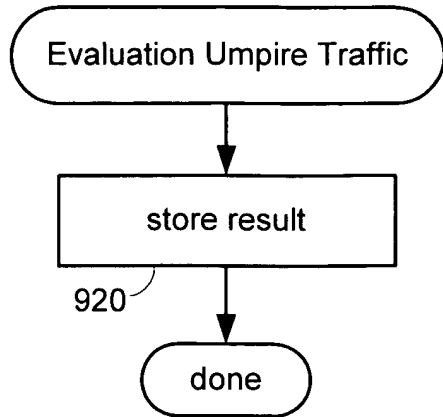


FIG. 42

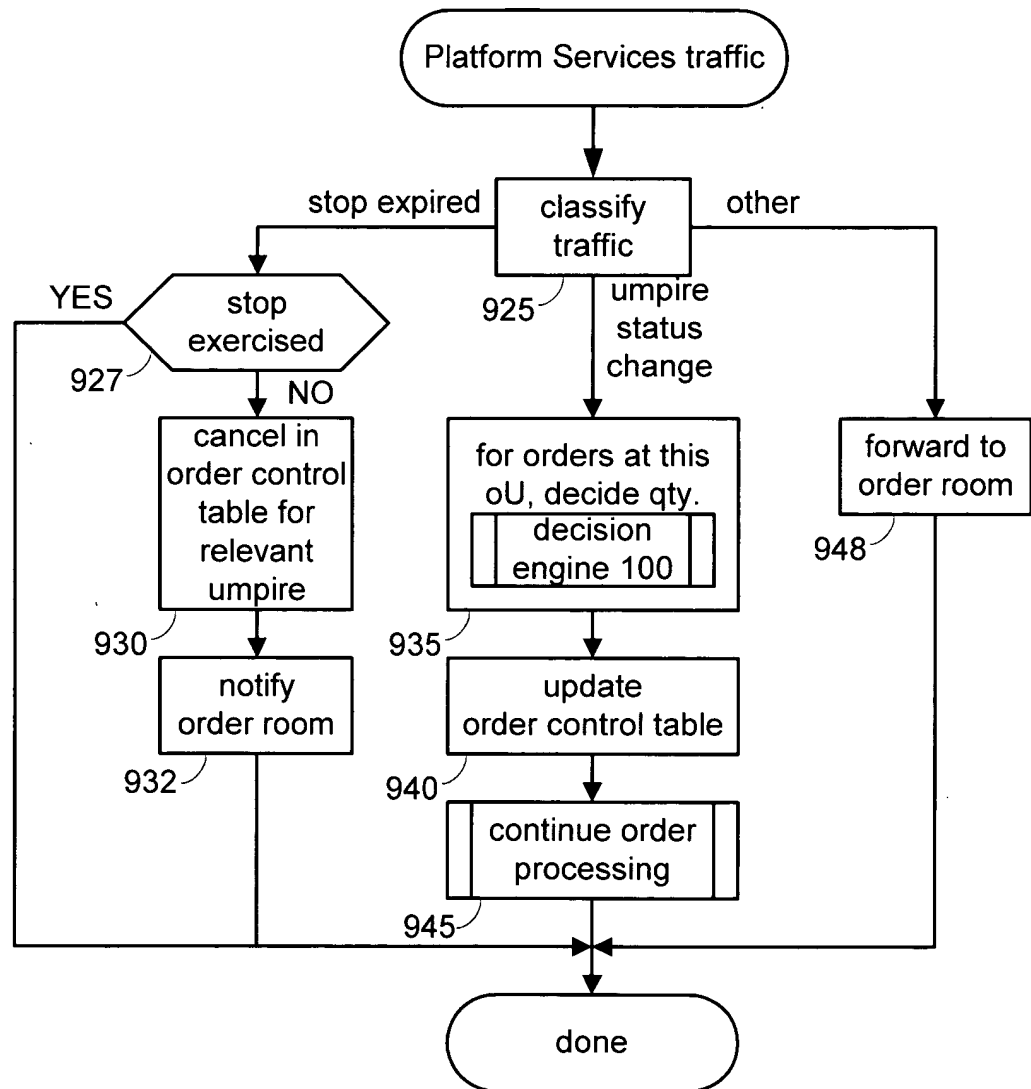


FIG. 43

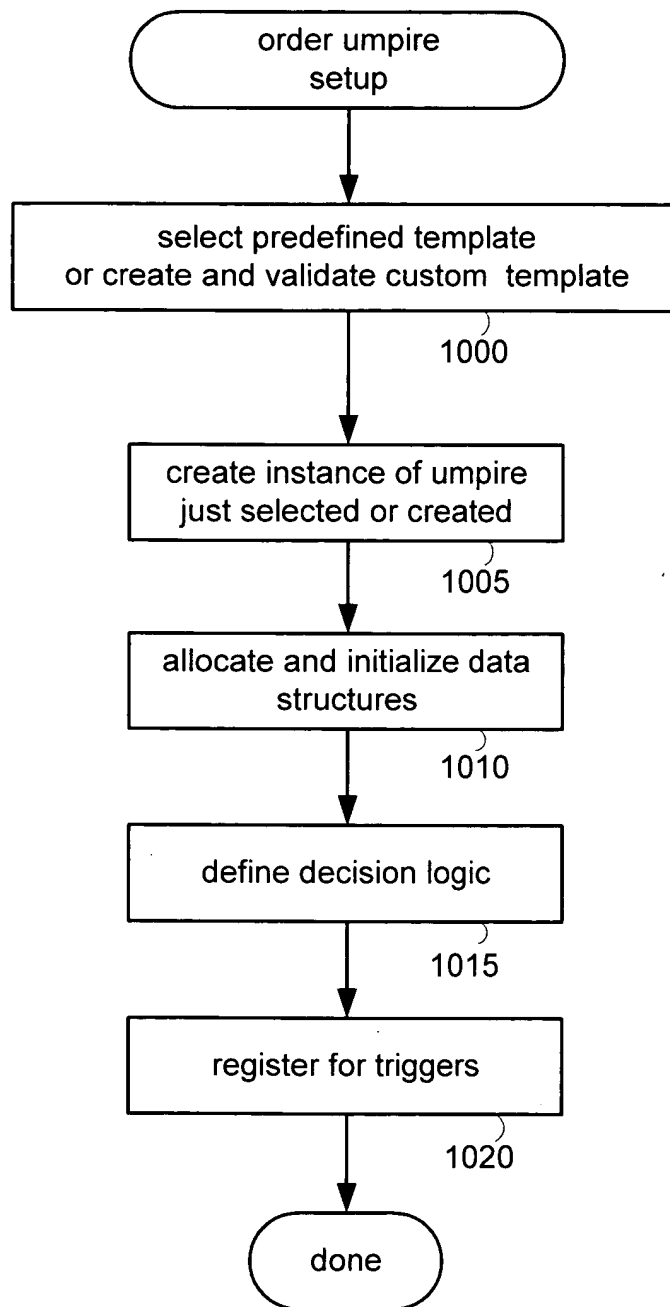


FIG. 44

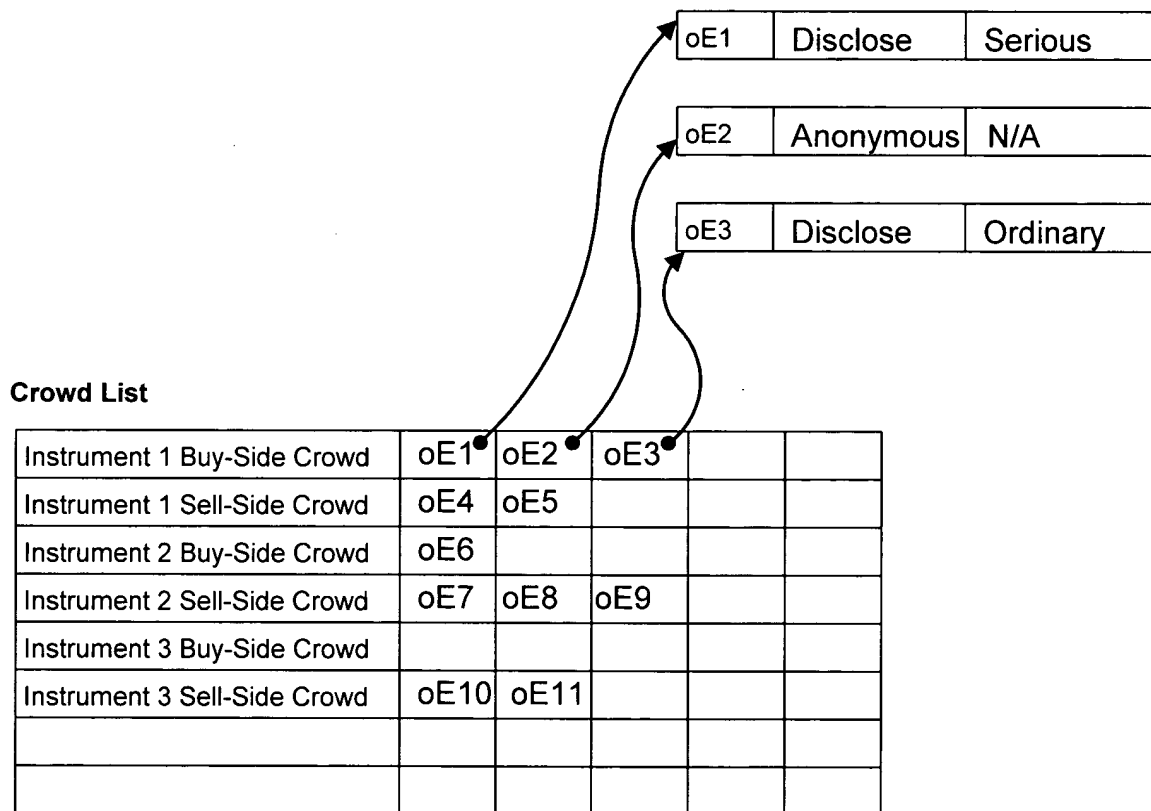


FIG. 45



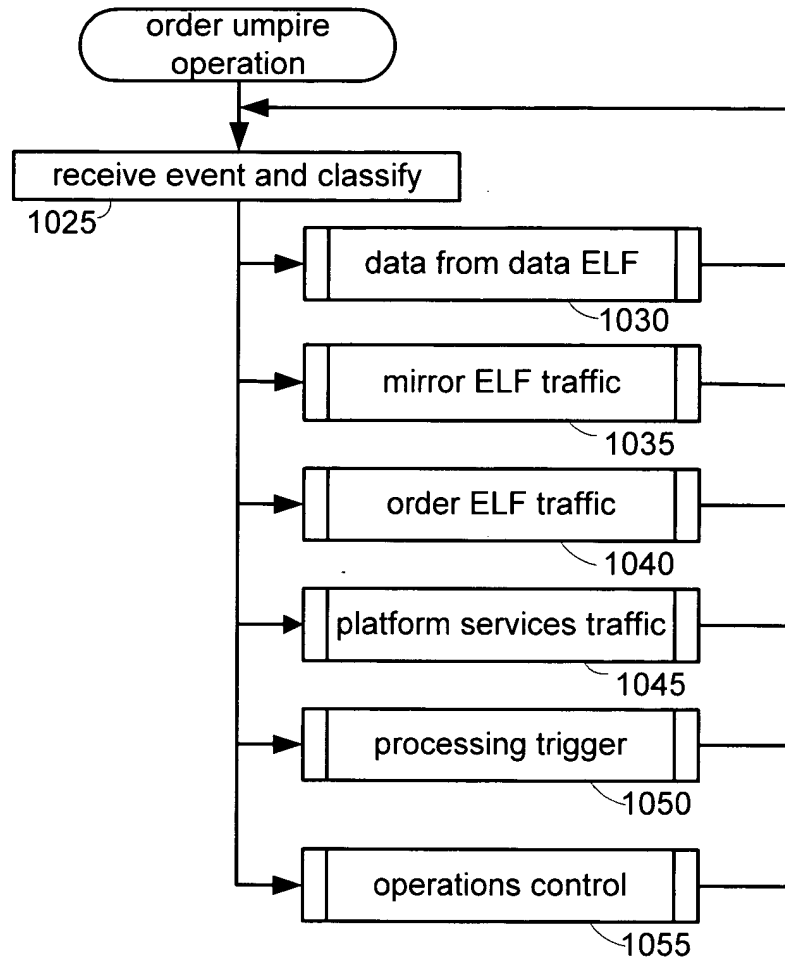


FIG. 46

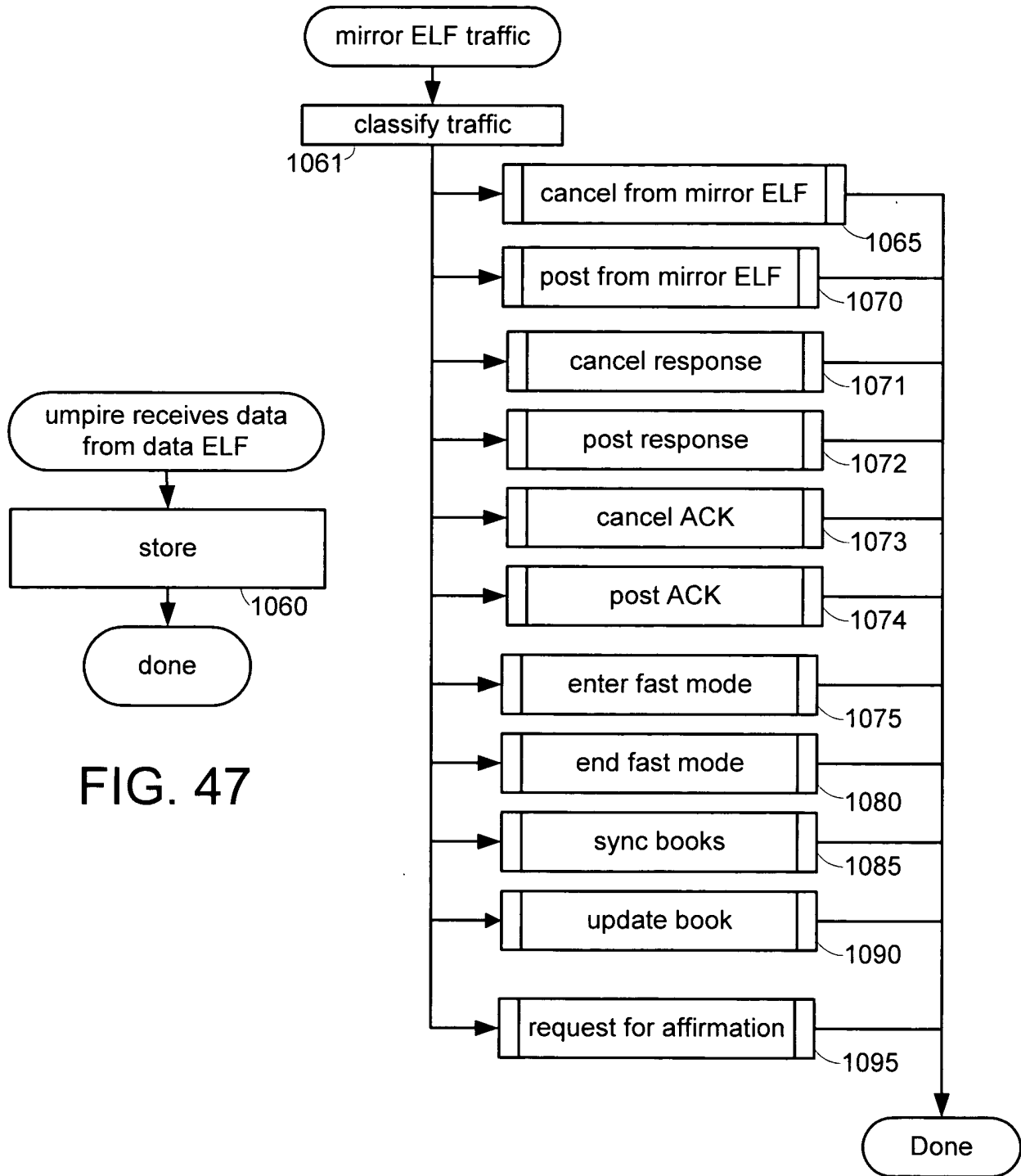


FIG. 47

FIG. 48

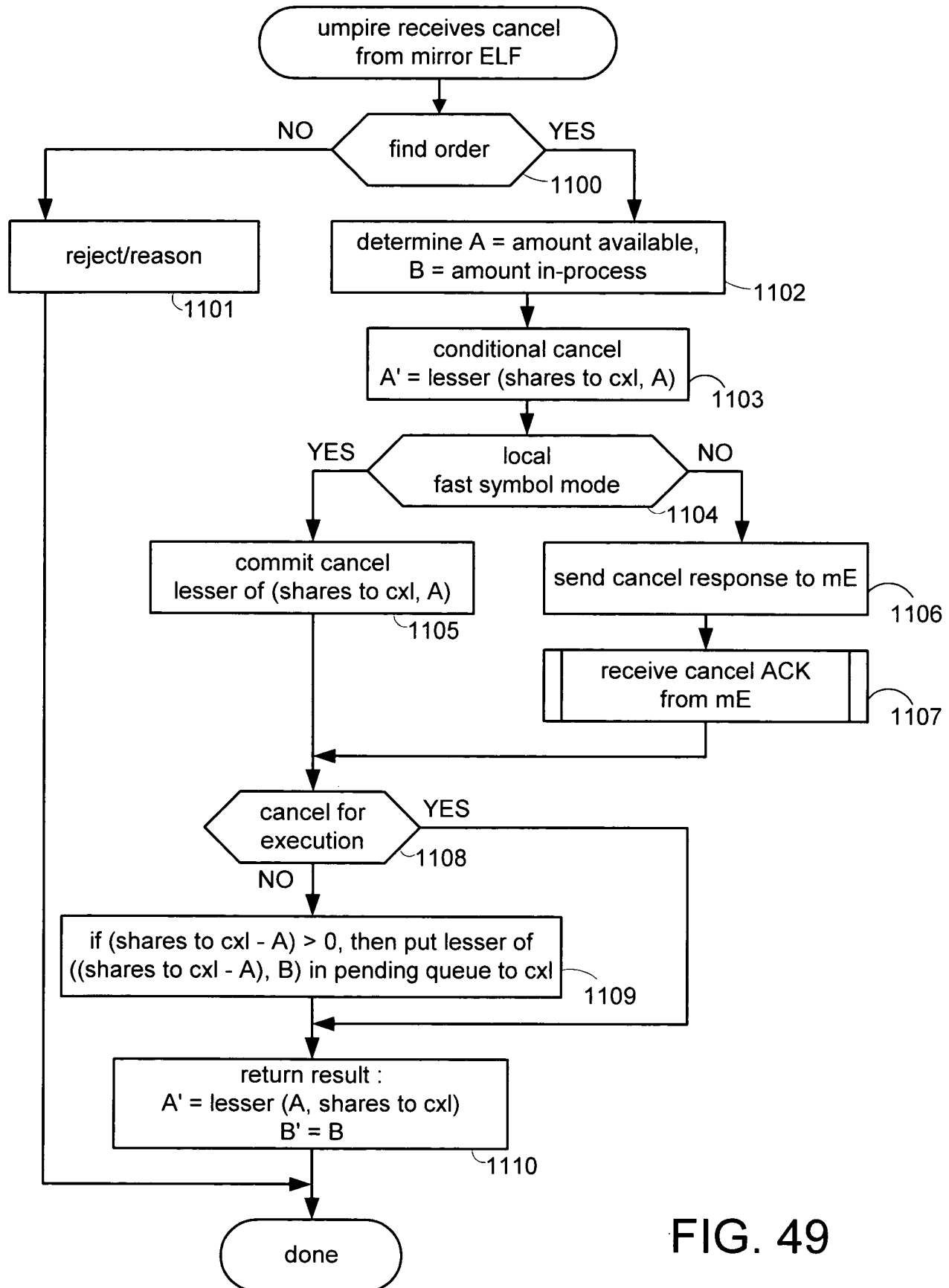


FIG. 49

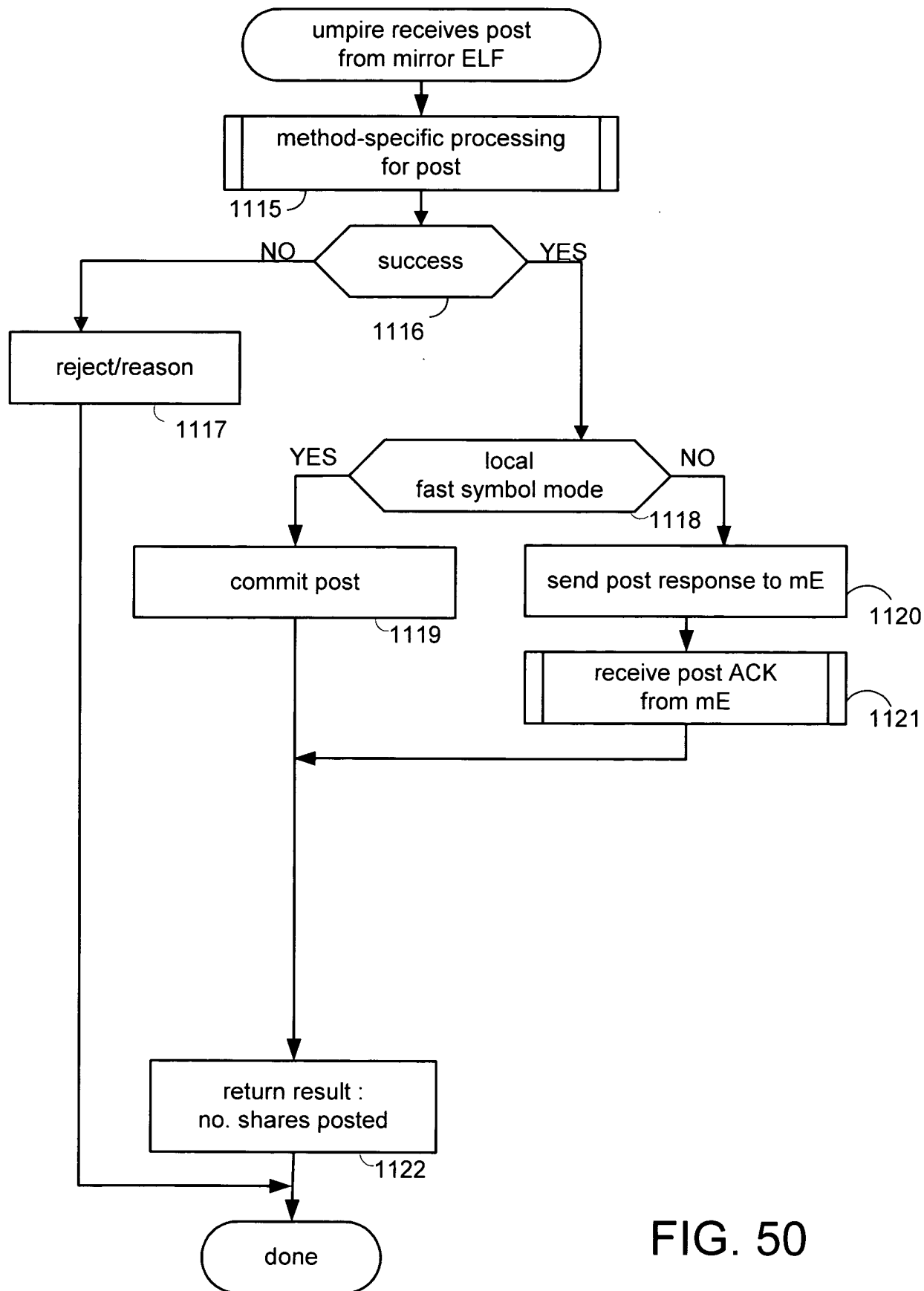


FIG. 50

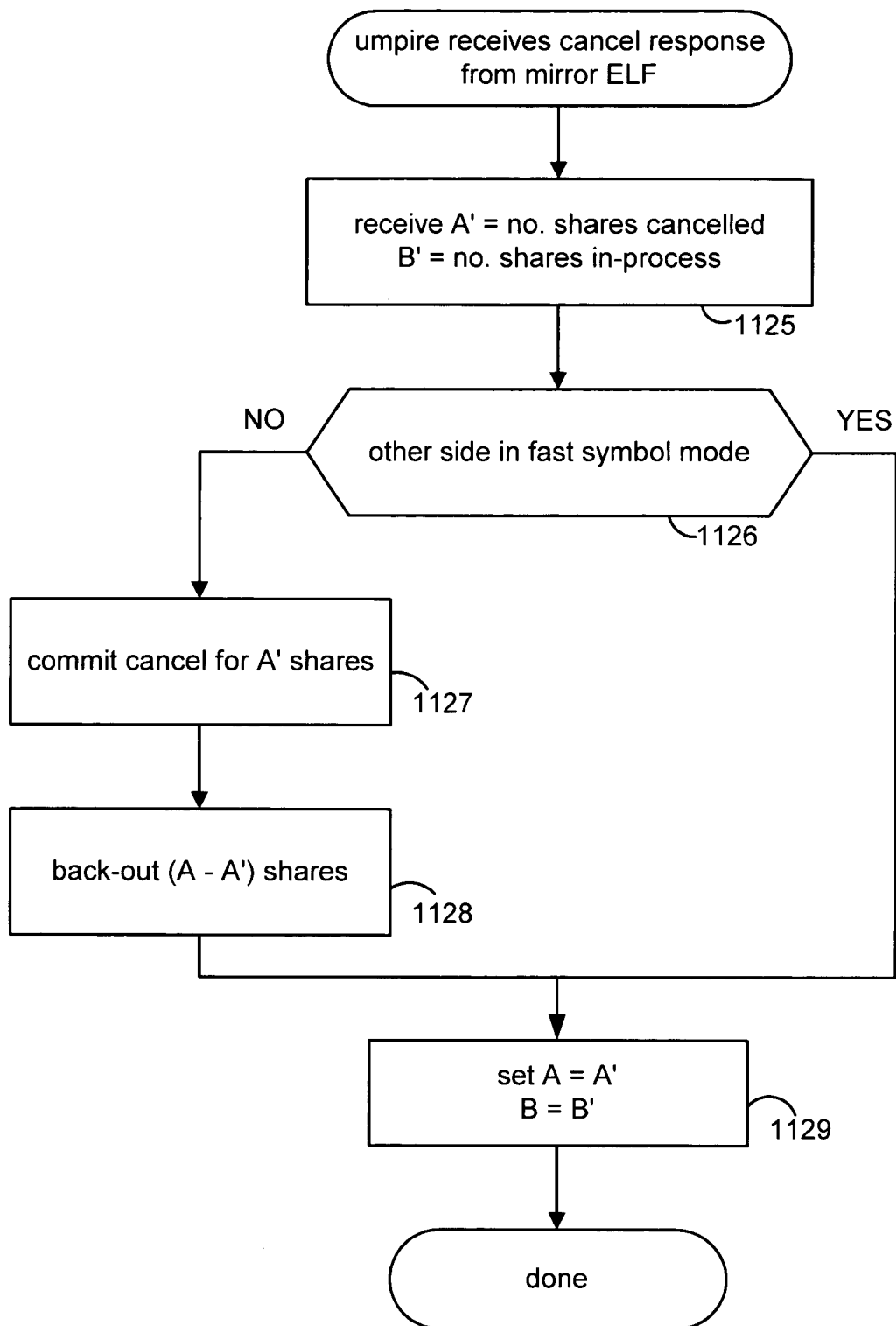


FIG. 51

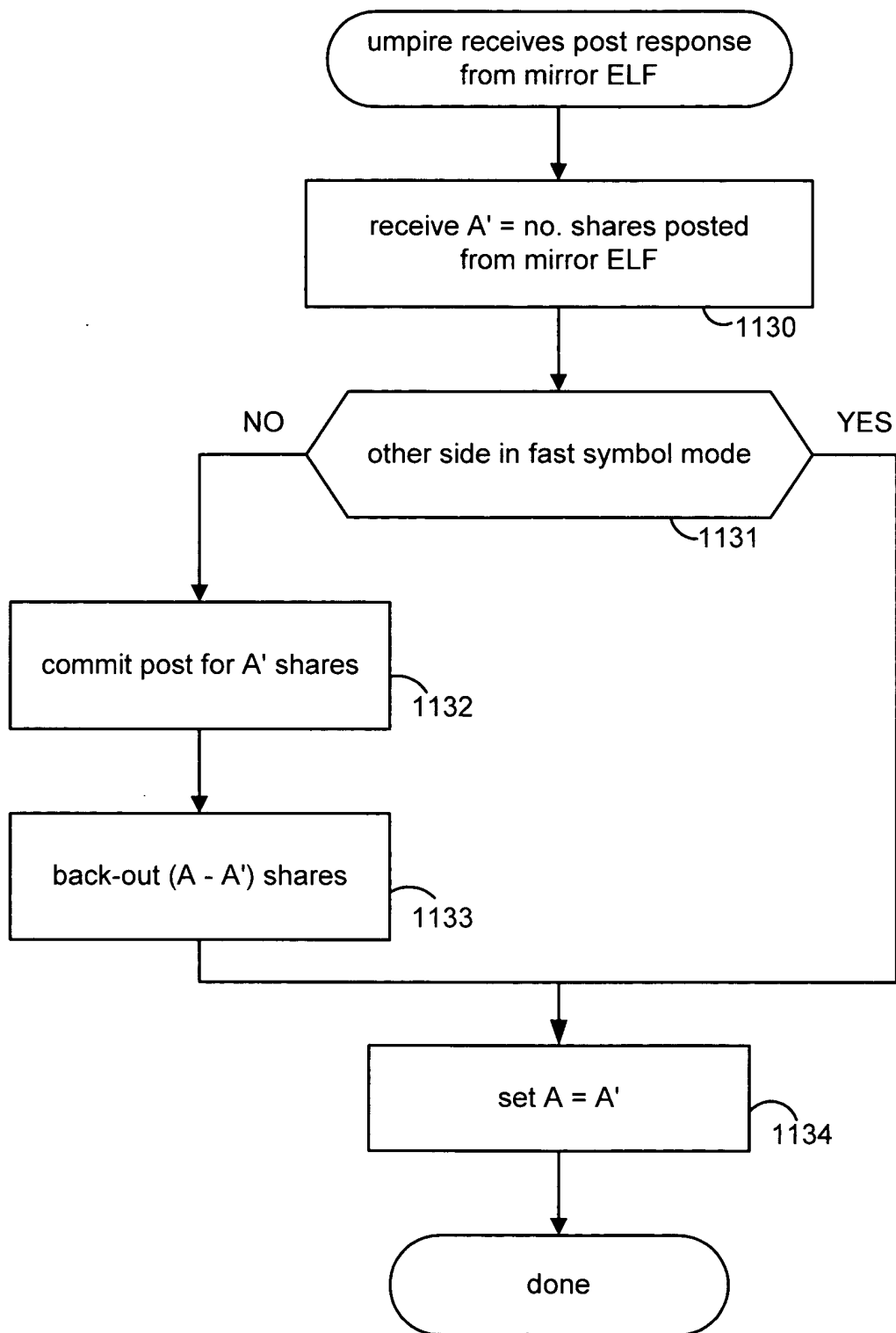


FIG. 52

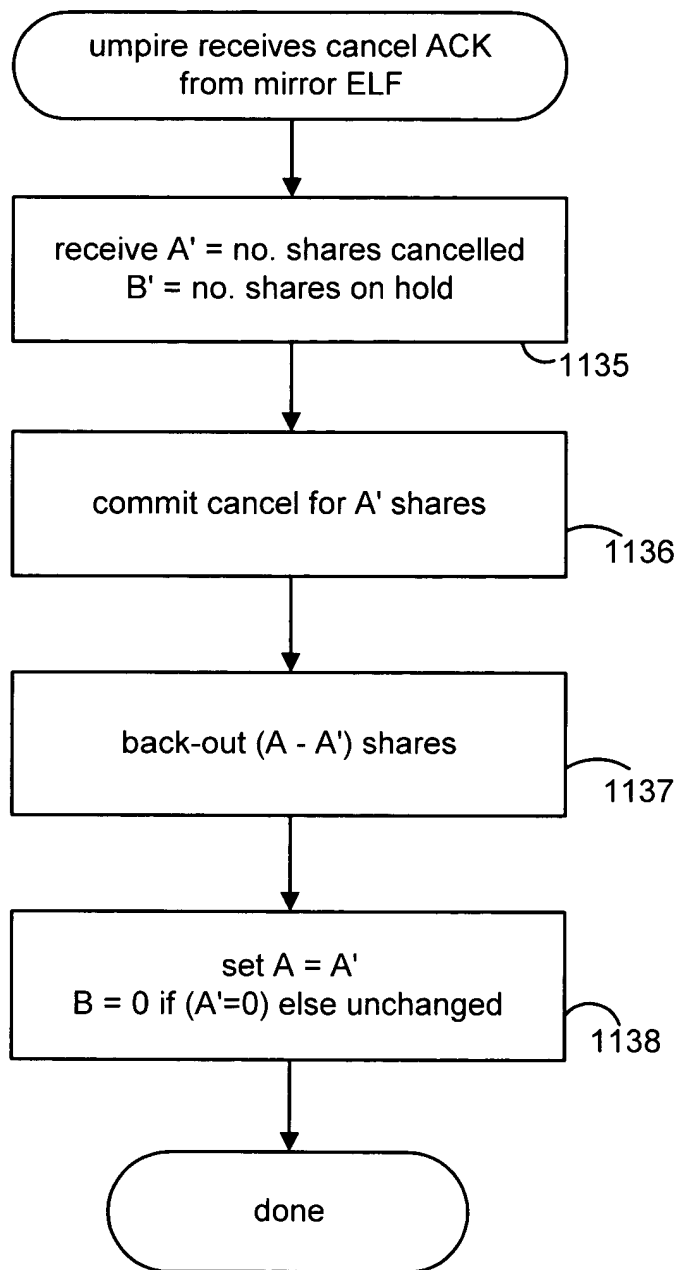


FIG. 53

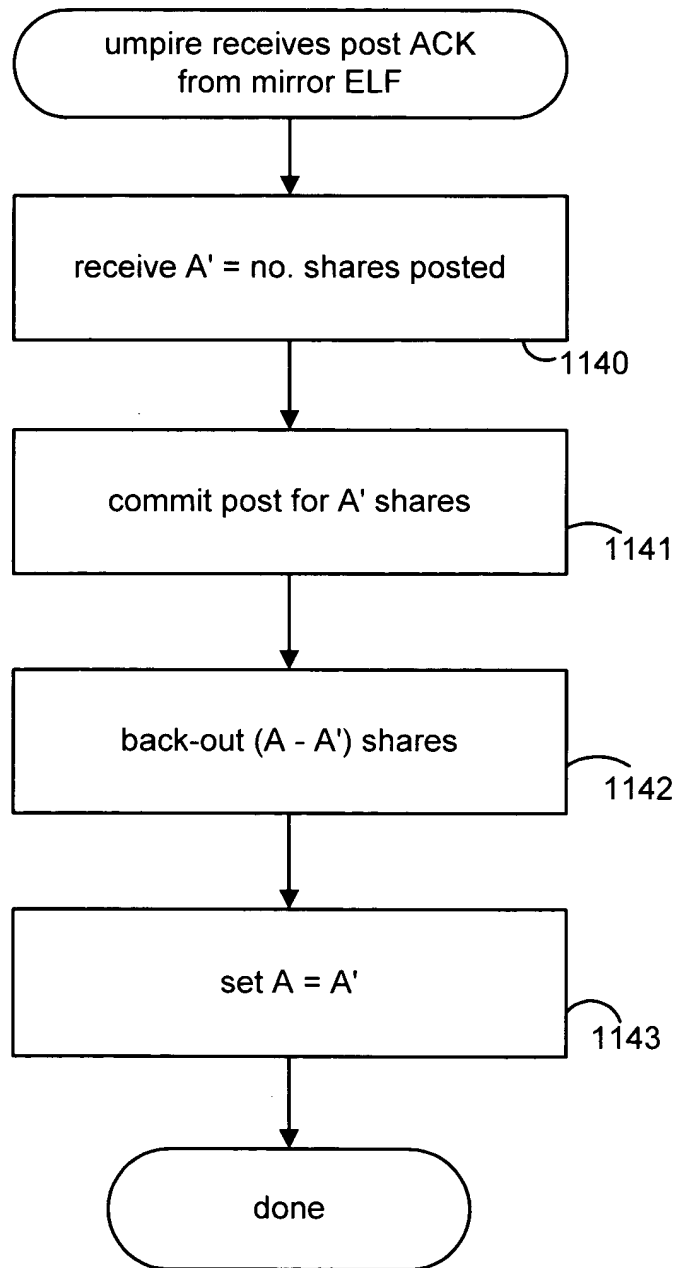


FIG. 54



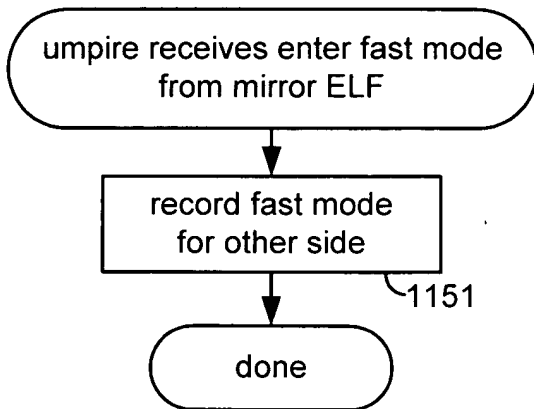


FIG. 55A

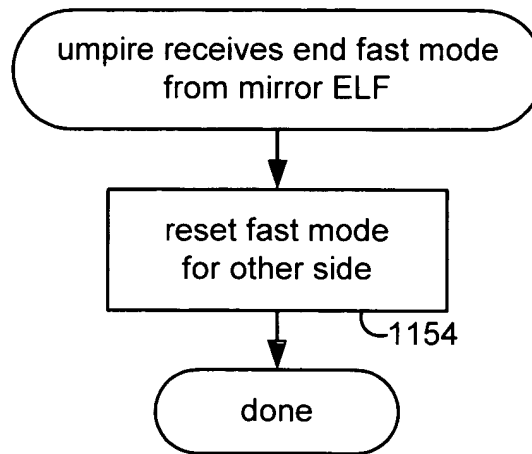


FIG. 55B

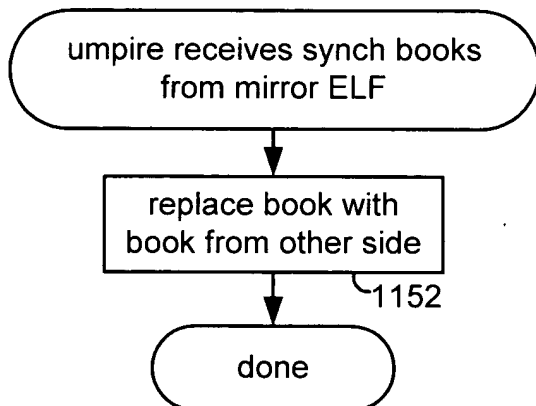


FIG. 56

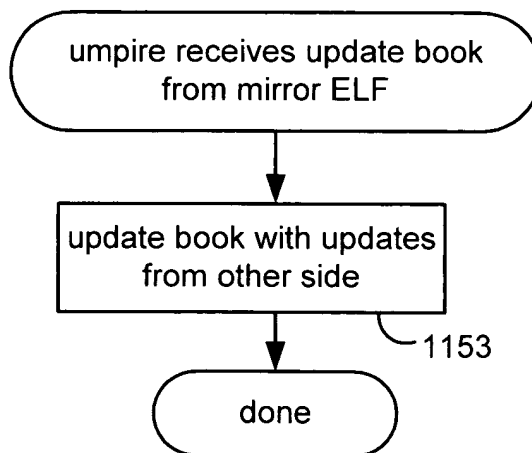


FIG. 57

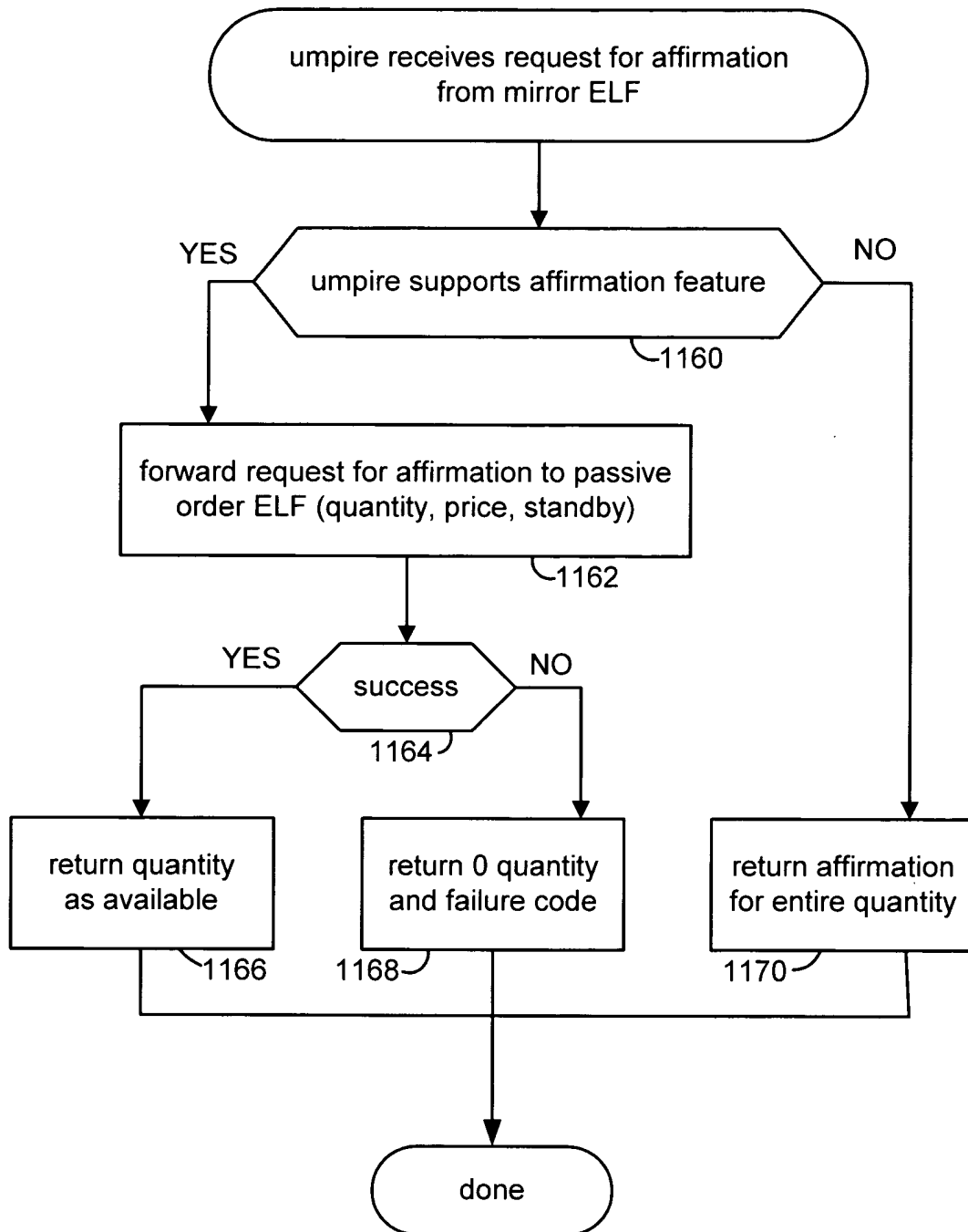
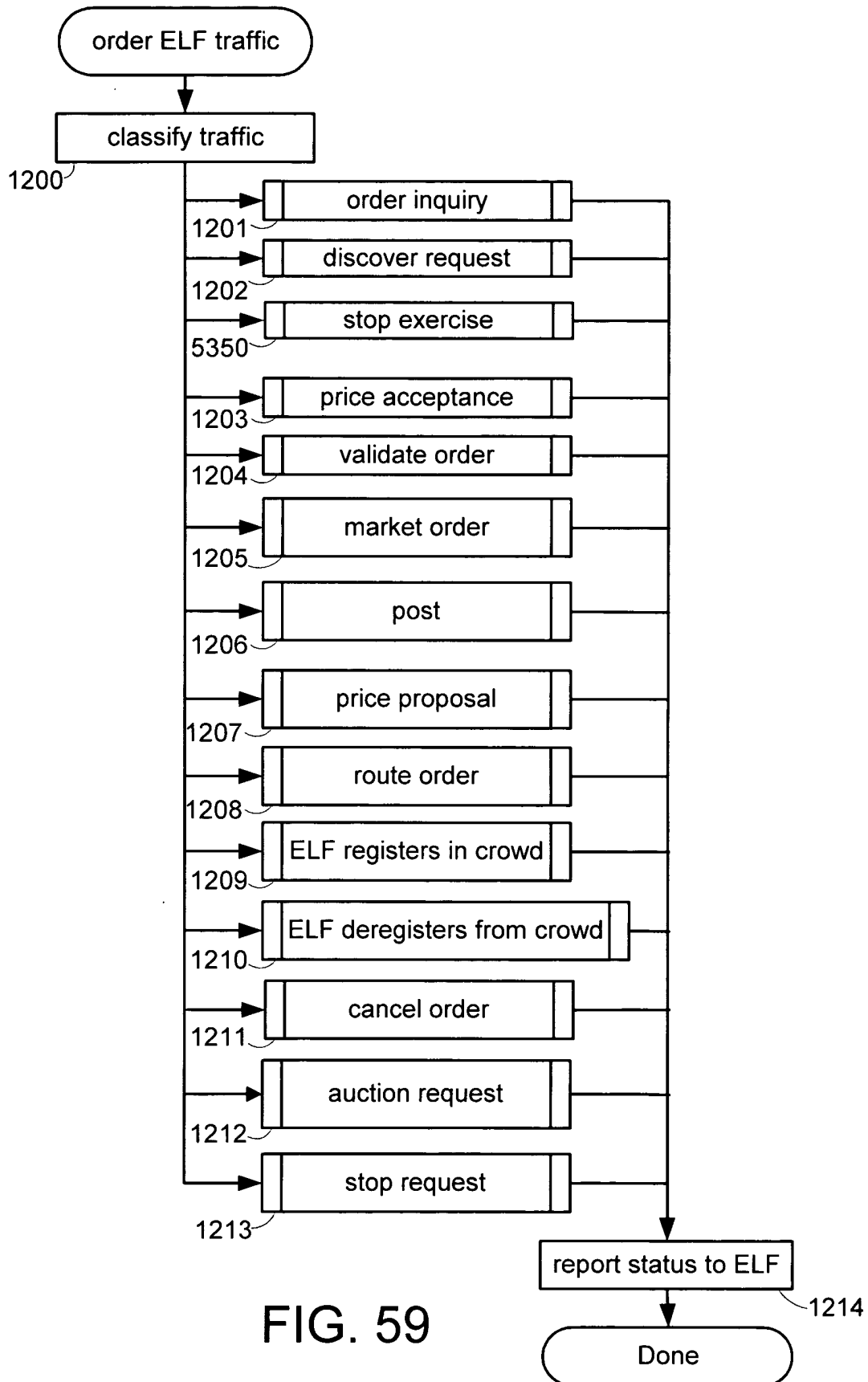


FIG. 58



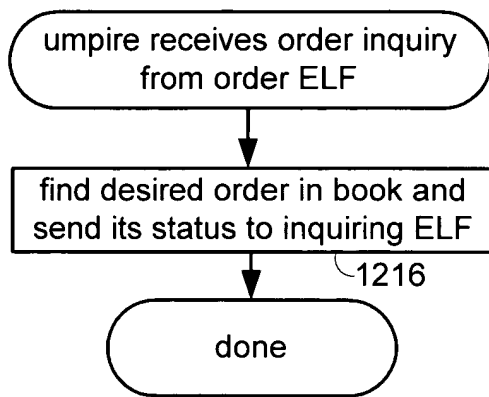


FIG. 60

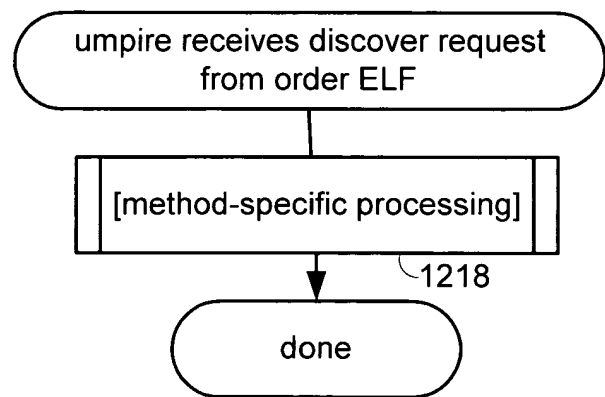


FIG. 61

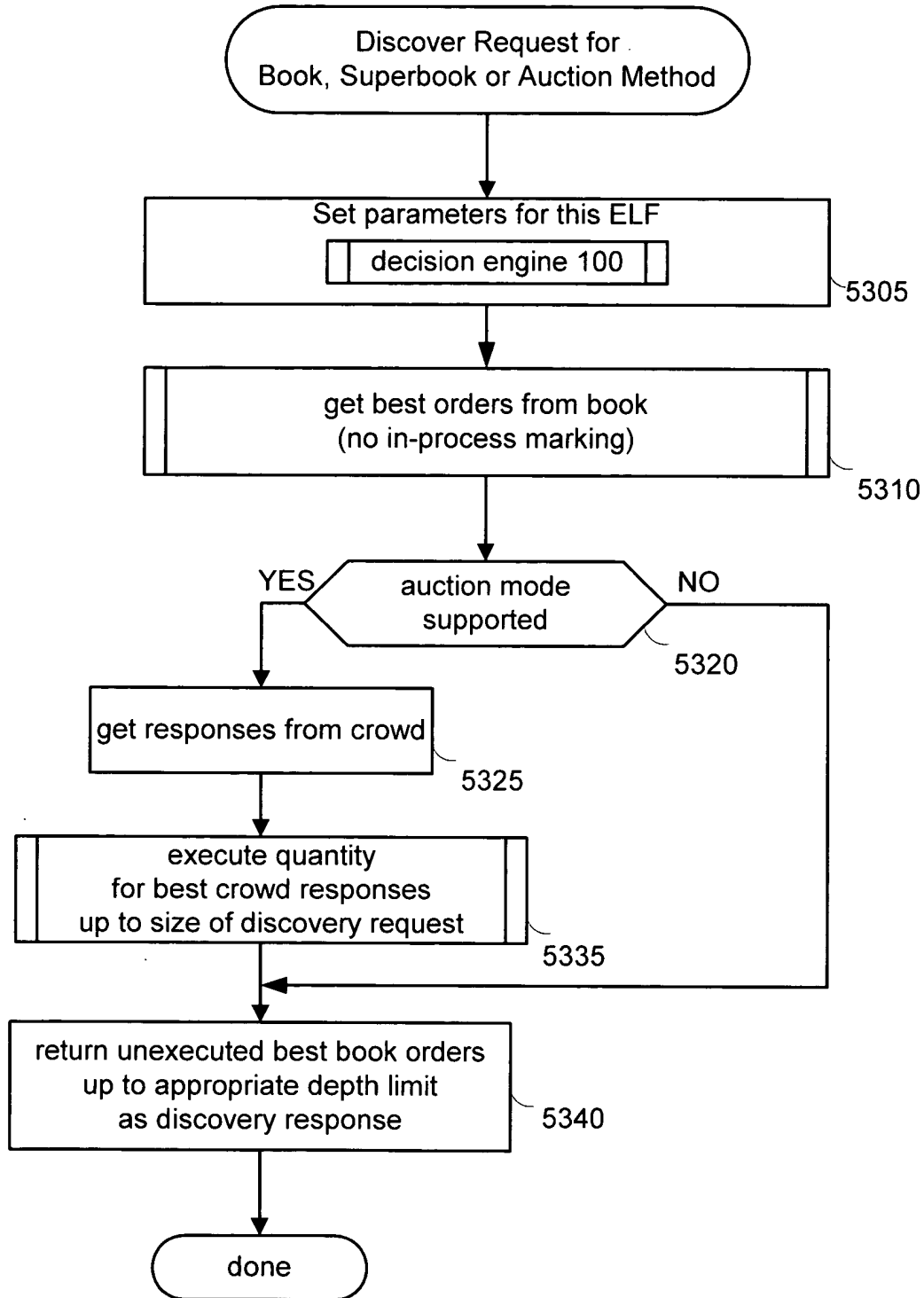


FIG. 62

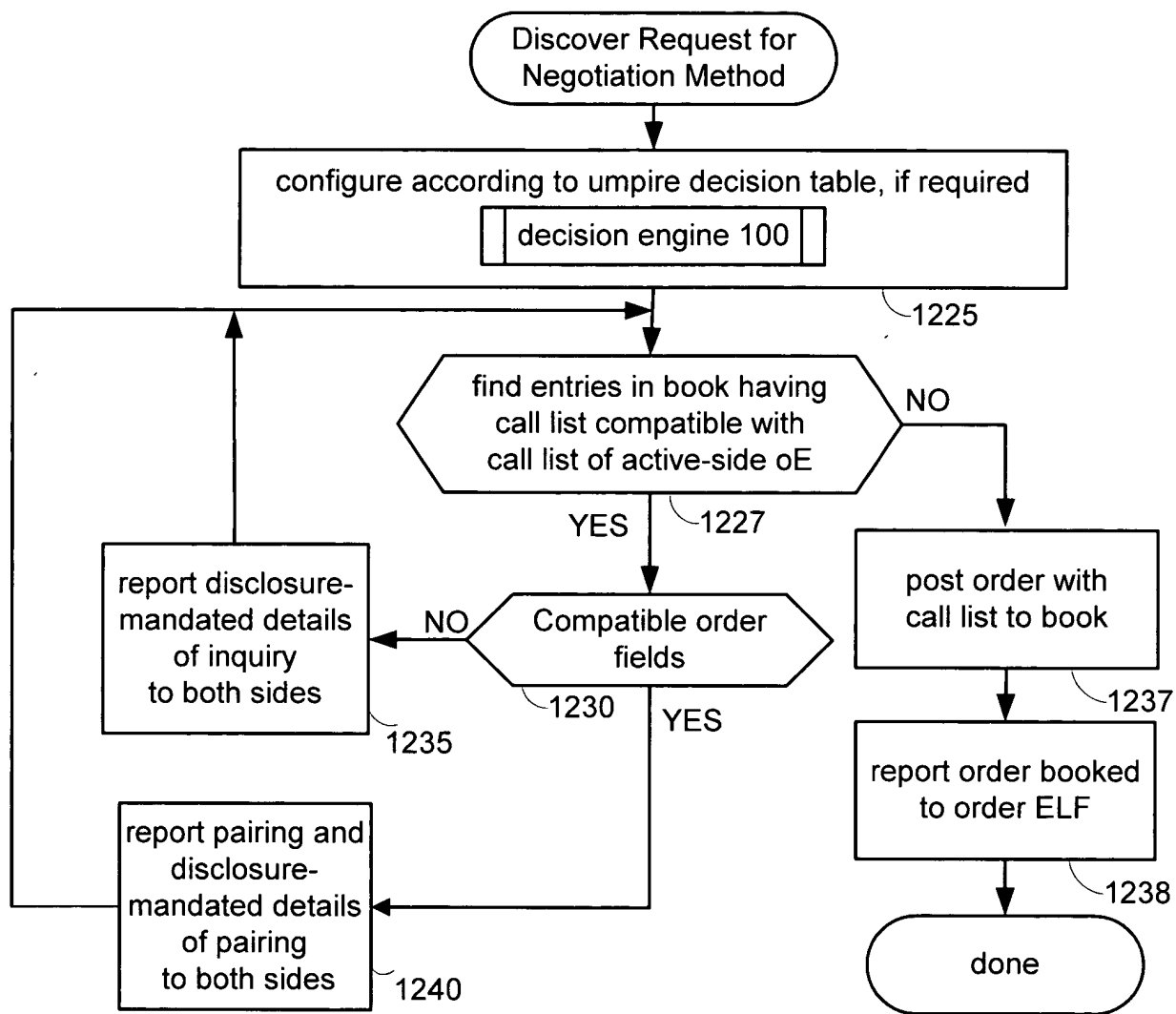


FIG. 63

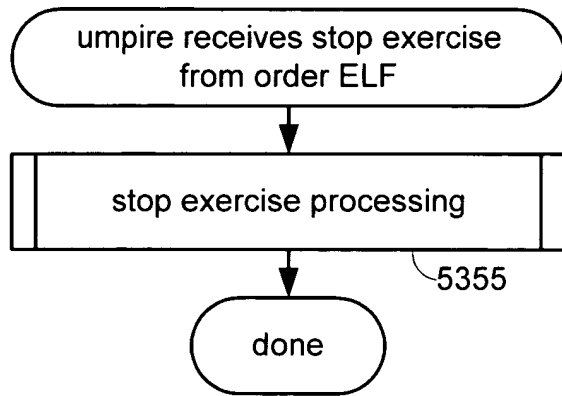


FIG. 64A

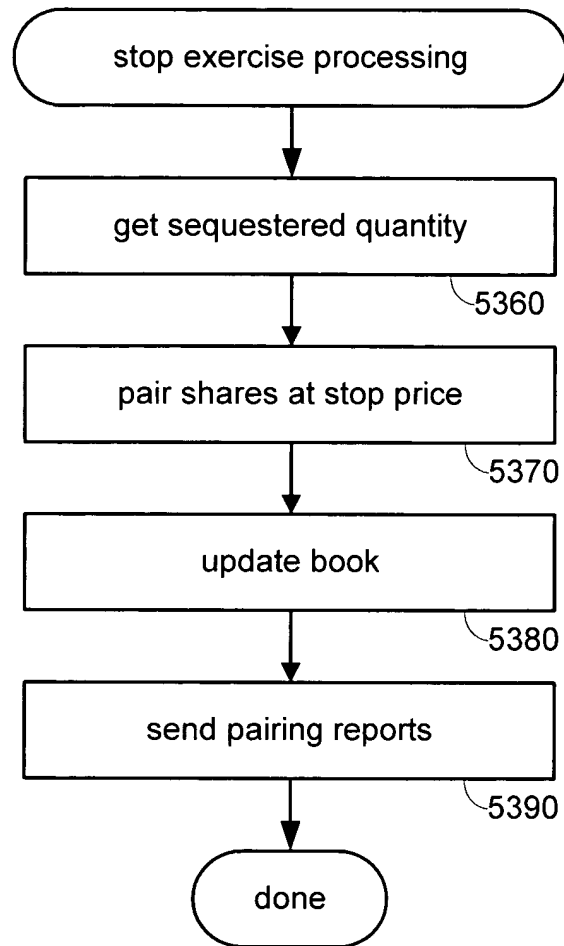


FIG. 64B

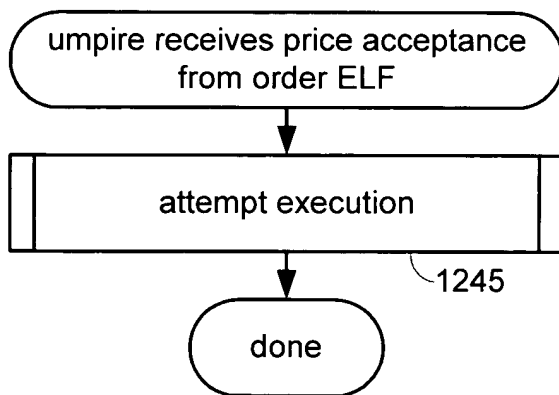
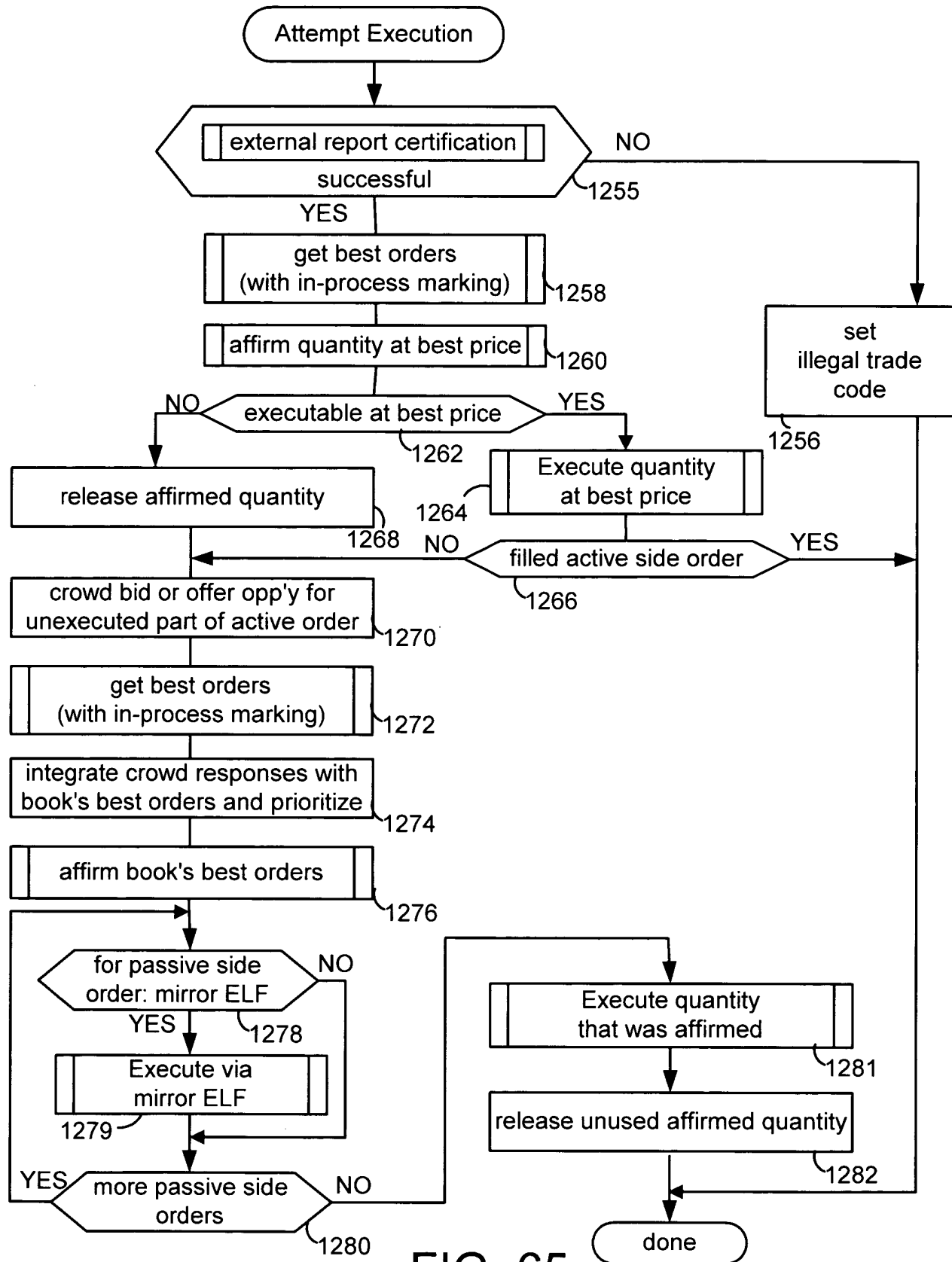


FIG. 64C





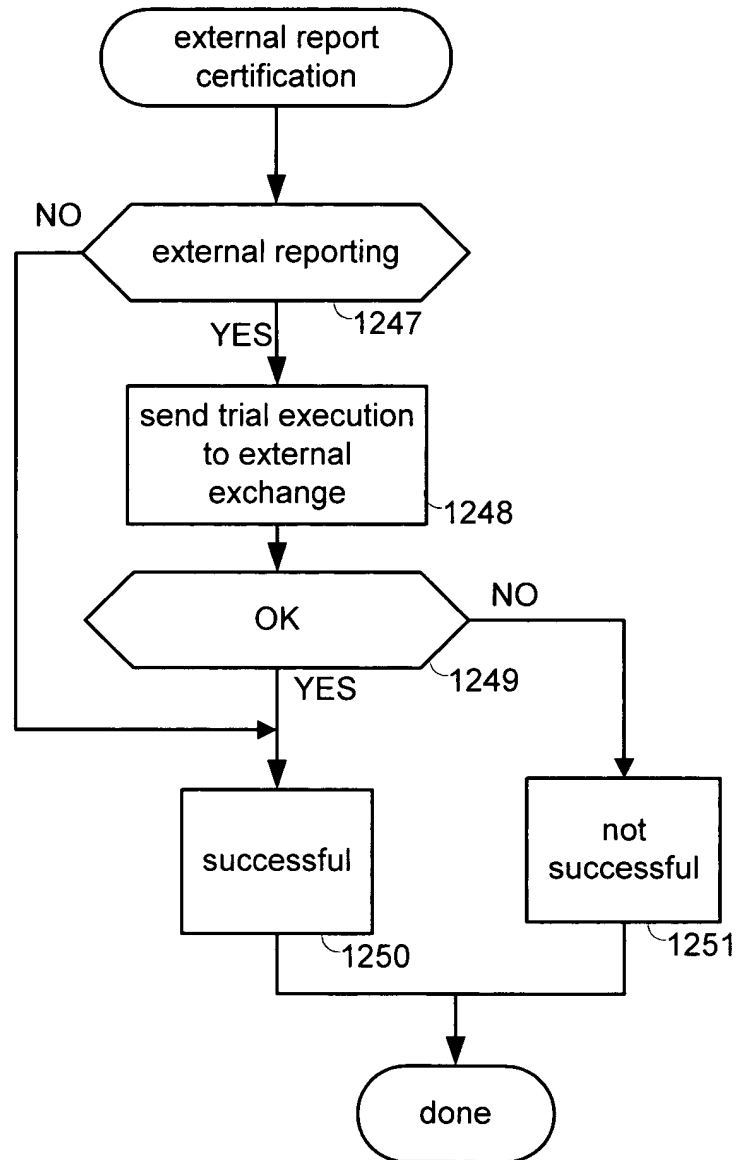


FIG. 66

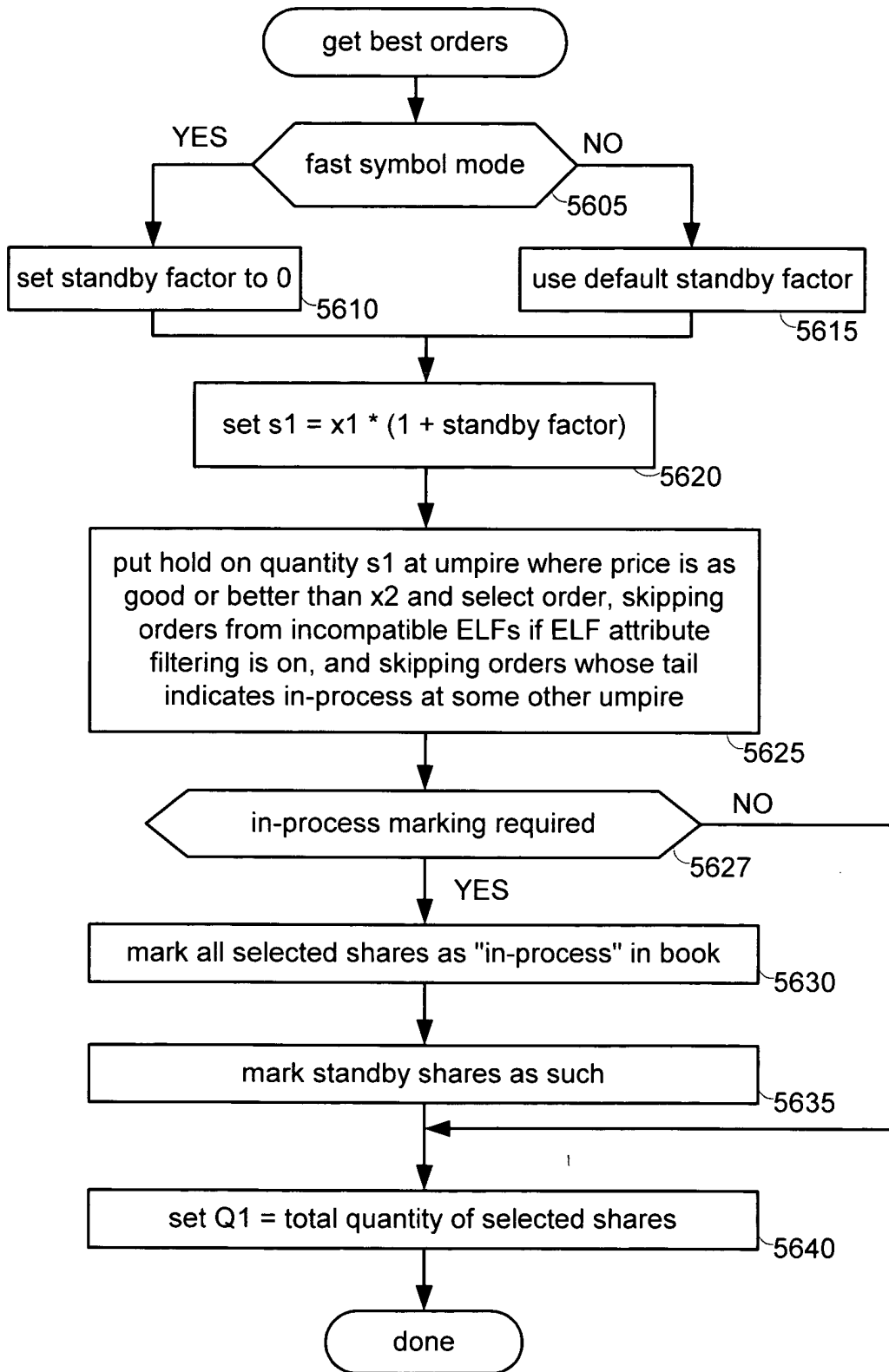


FIG. 67

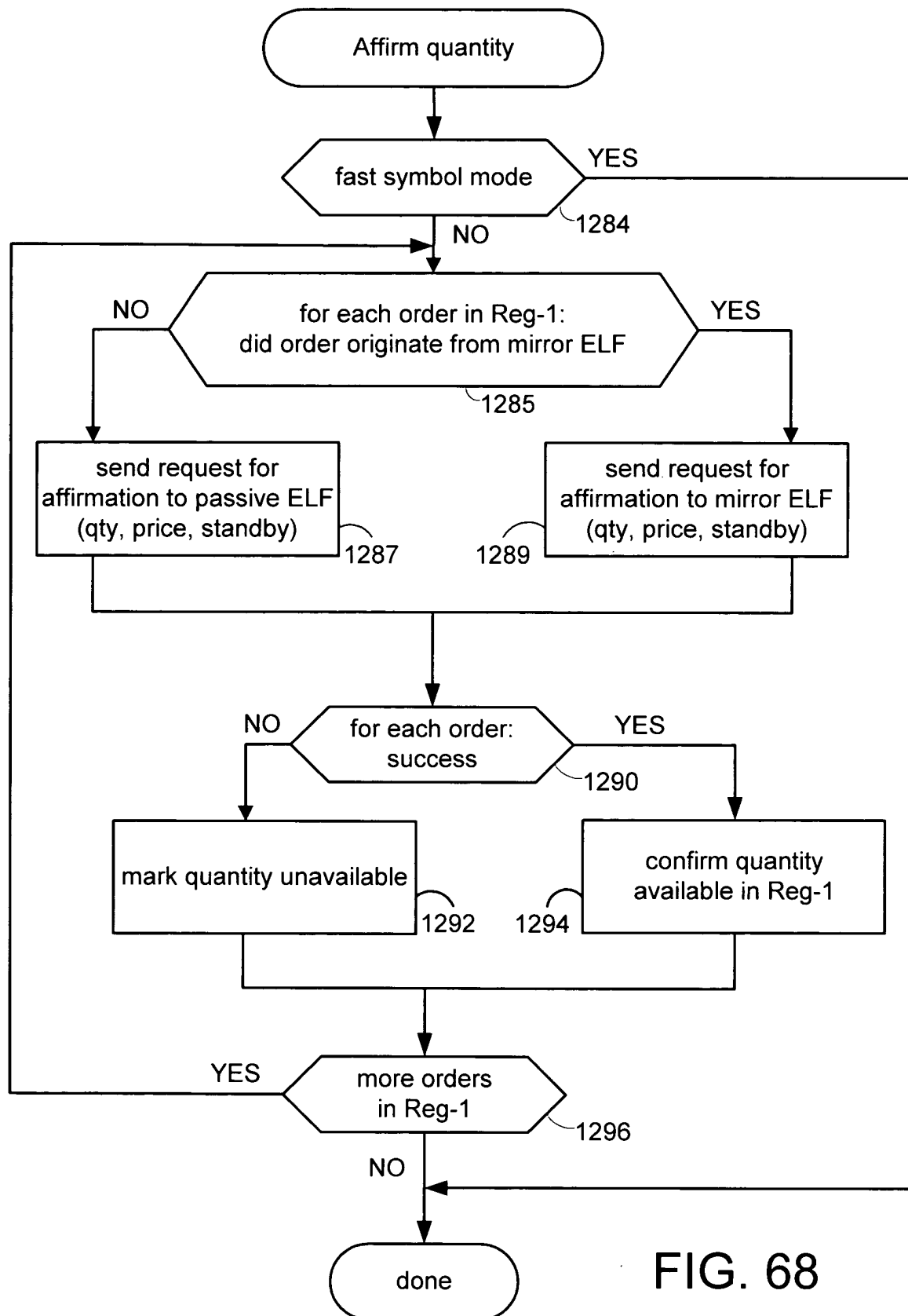


FIG. 68

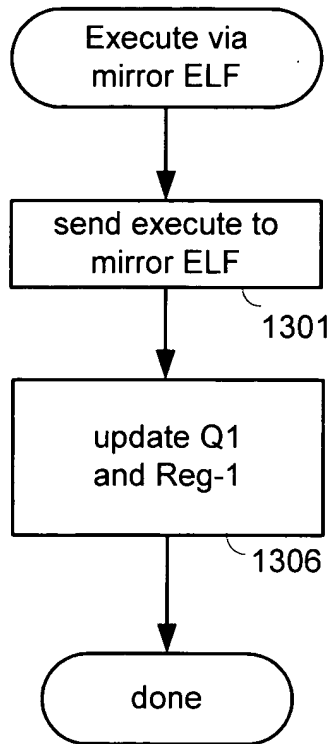


FIG. 69

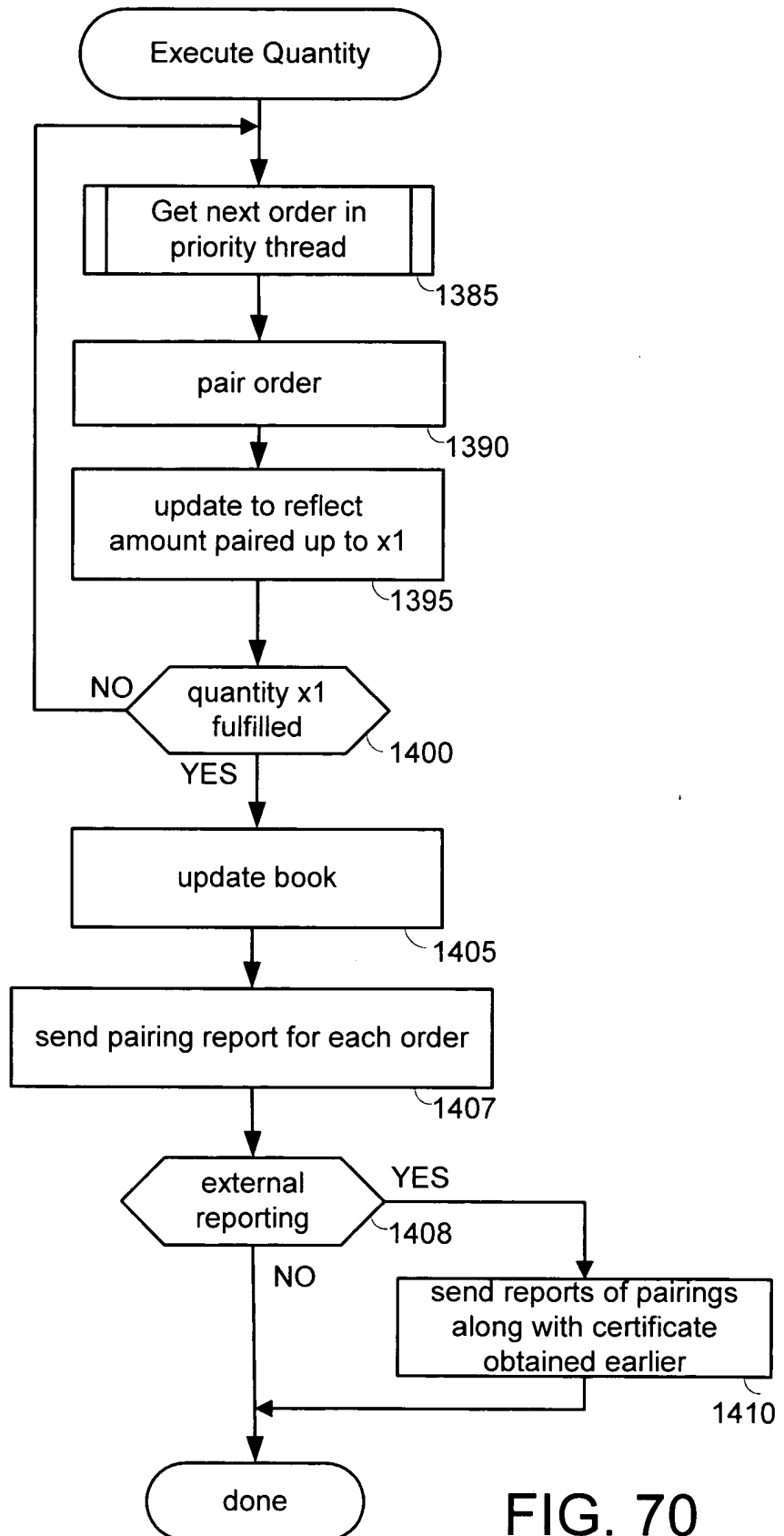


FIG. 70

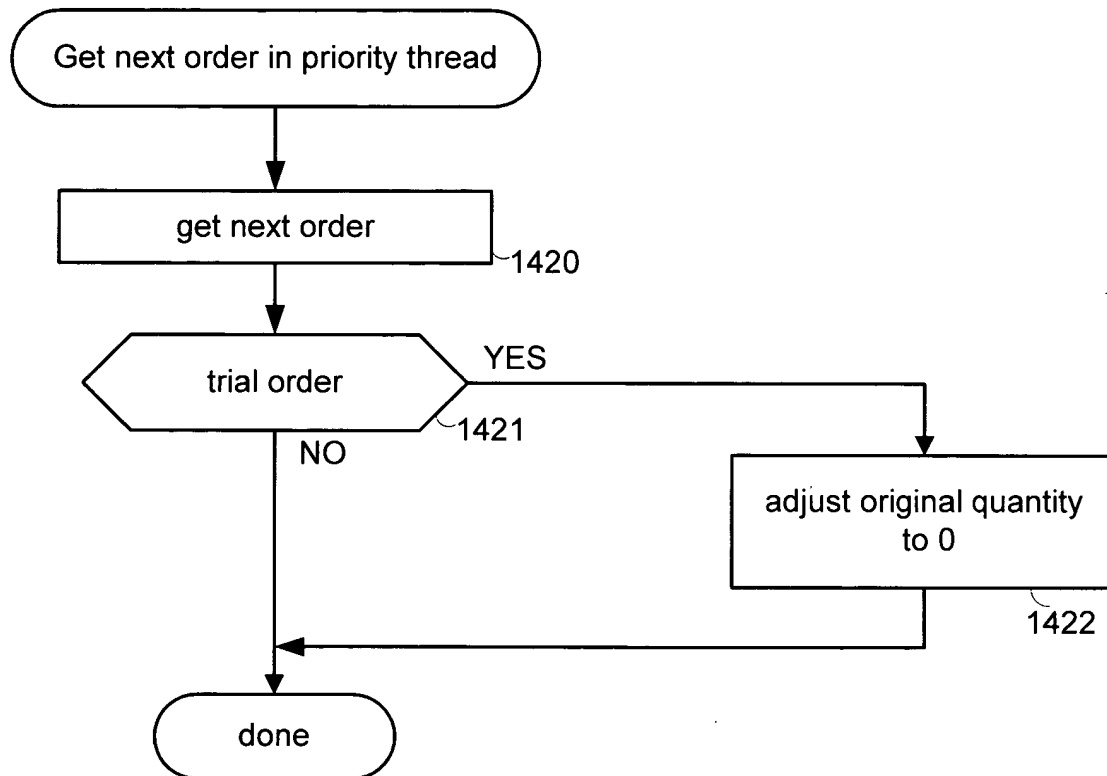


FIG. 71

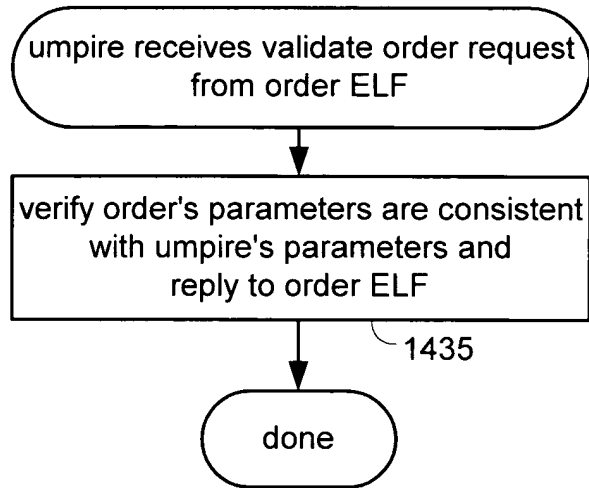


FIG. 72

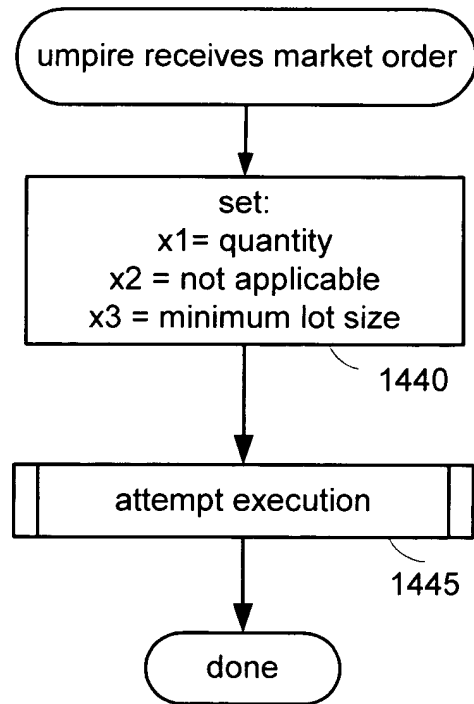


FIG. 73

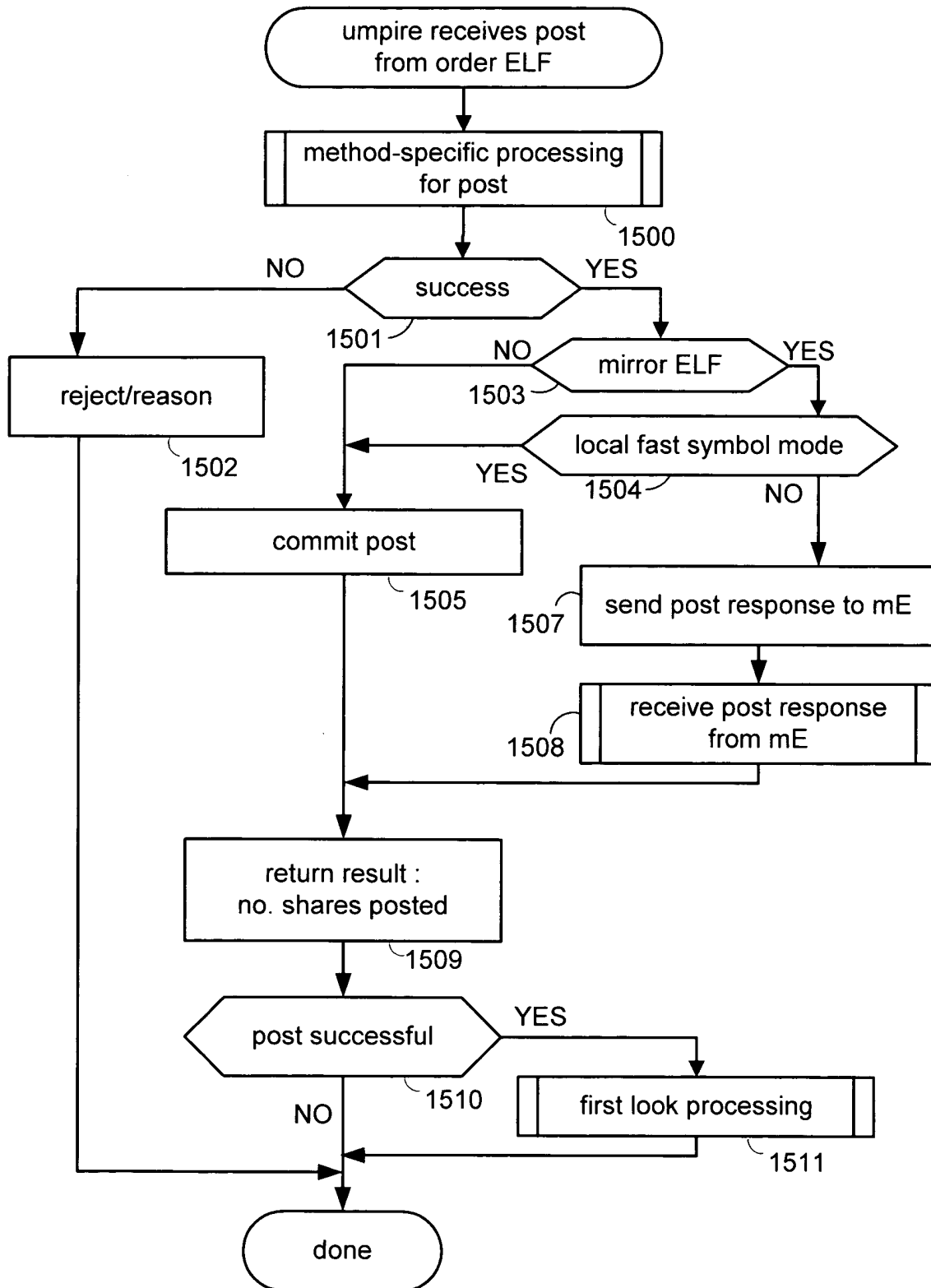


FIG. 74

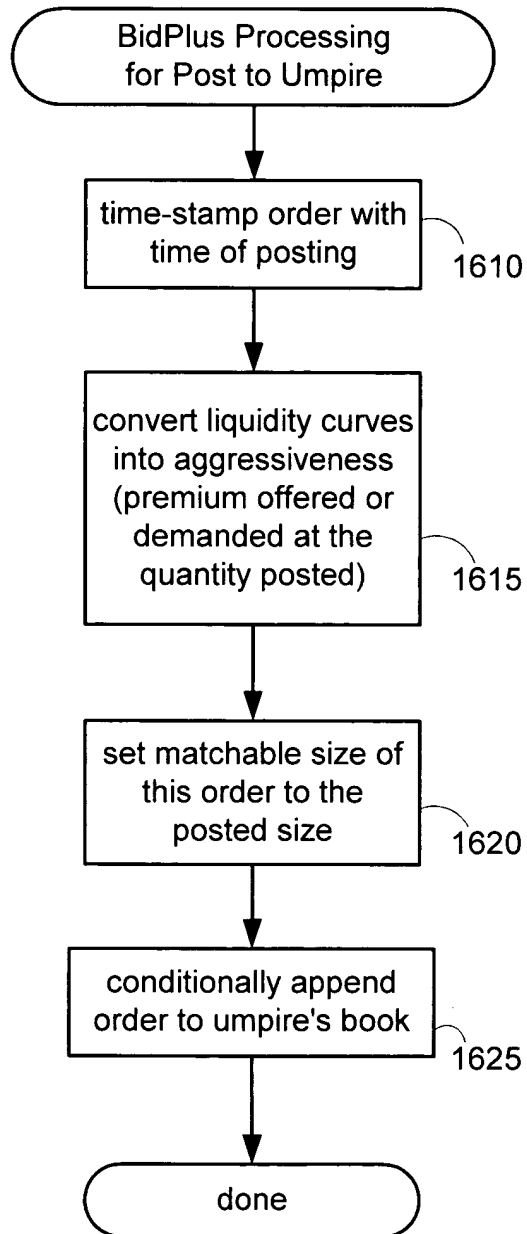


FIG. 75



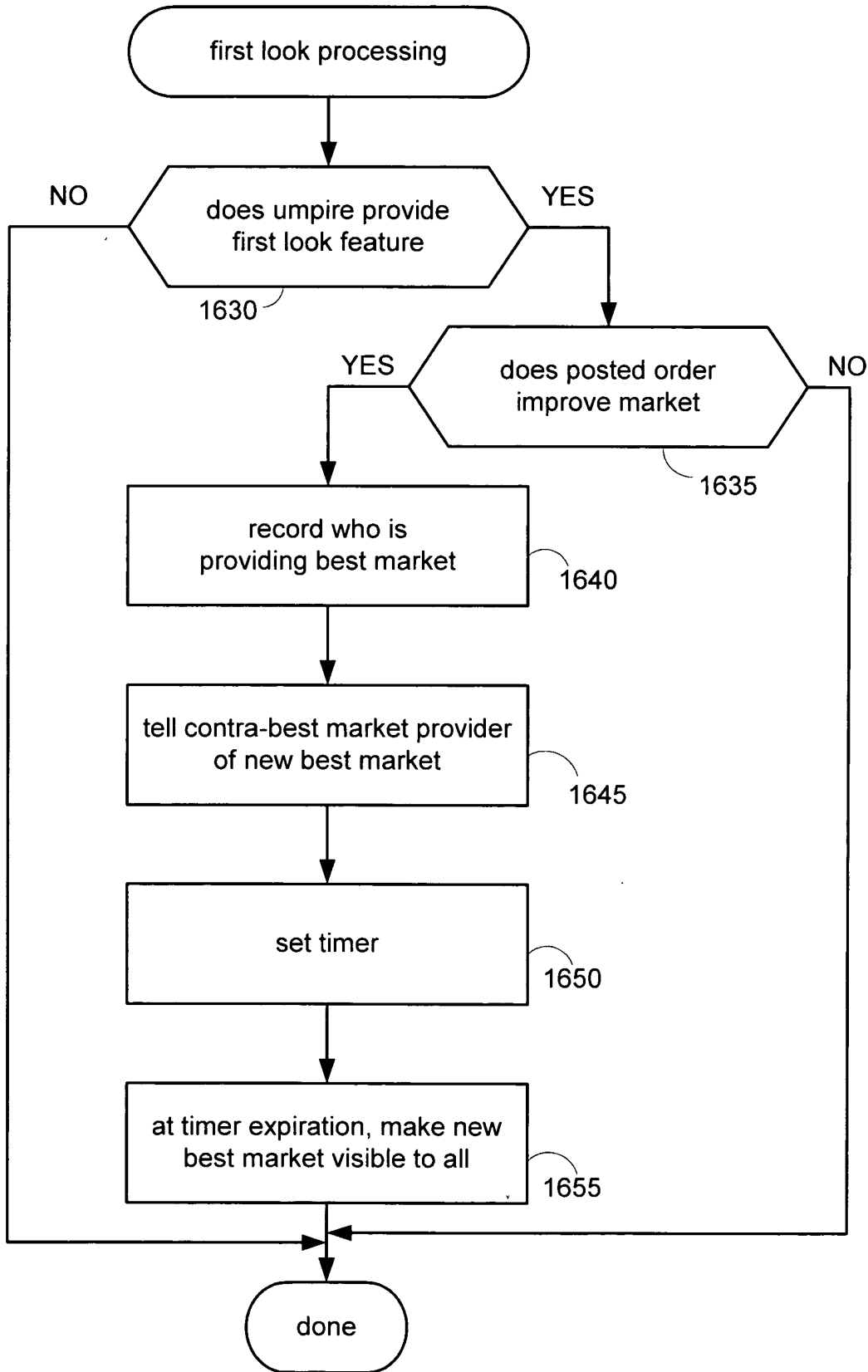


FIG. 76

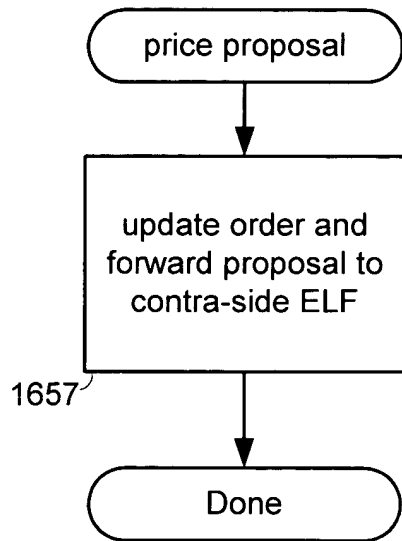


FIG. 77

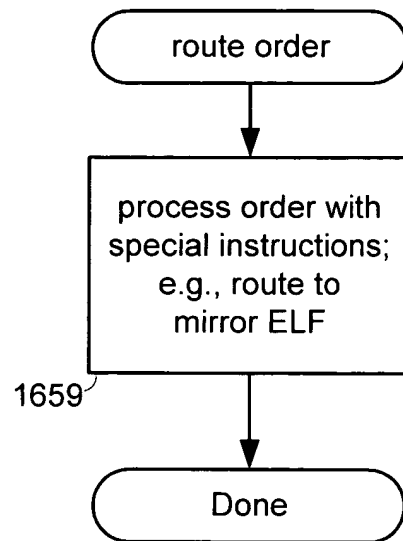


FIG. 78

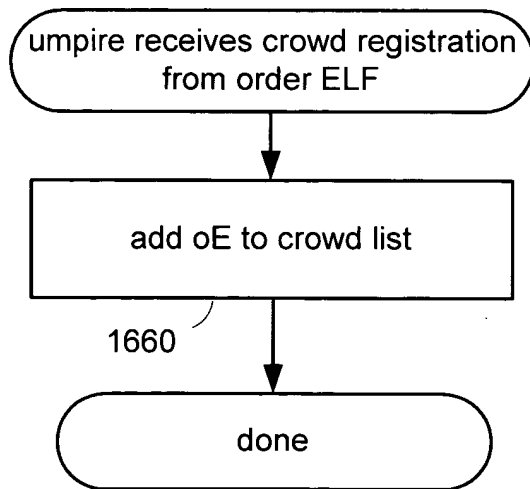


FIG. 79

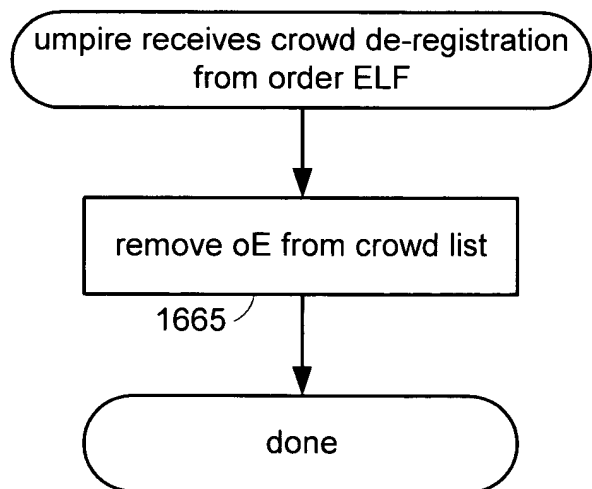


FIG. 80

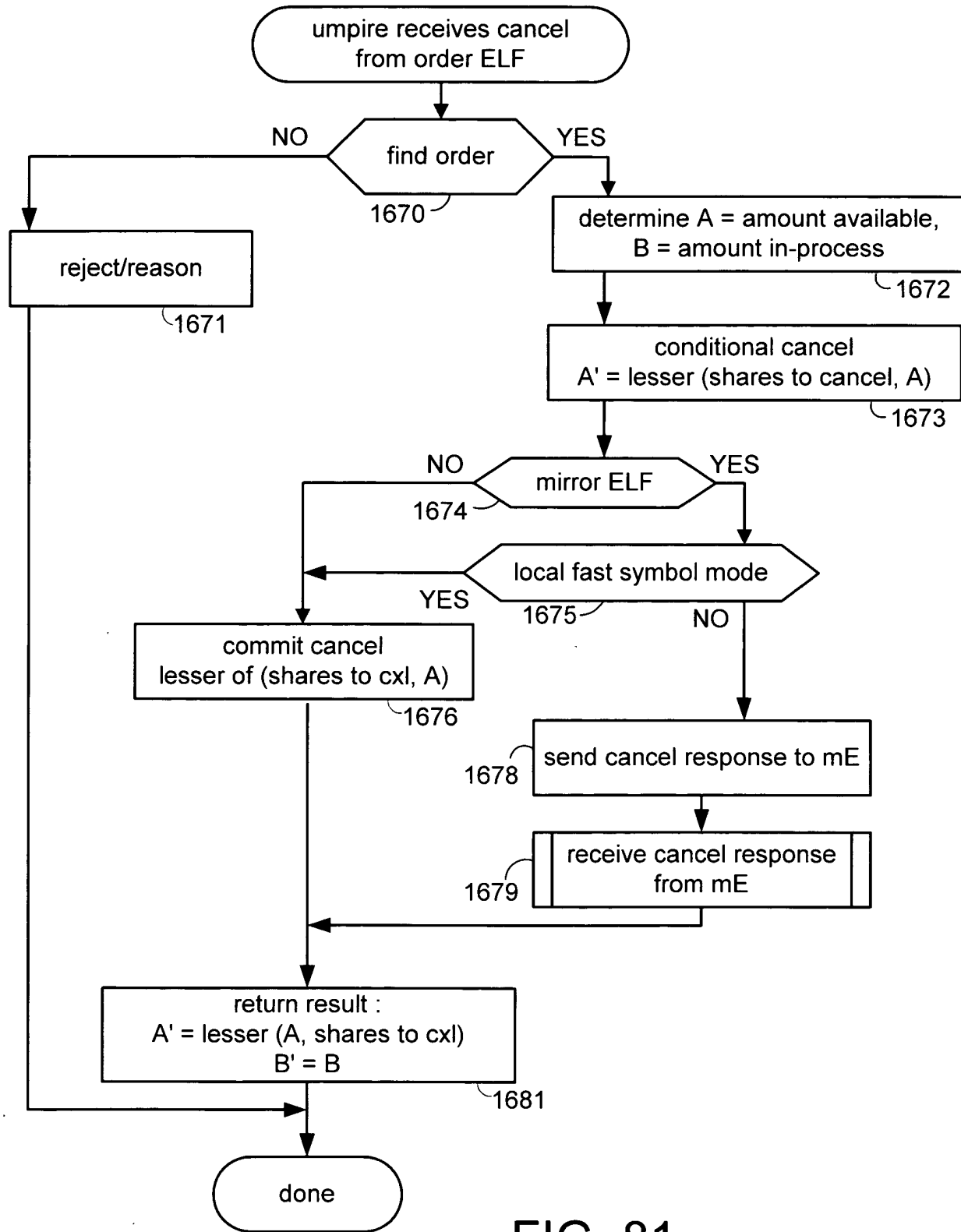


FIG. 81

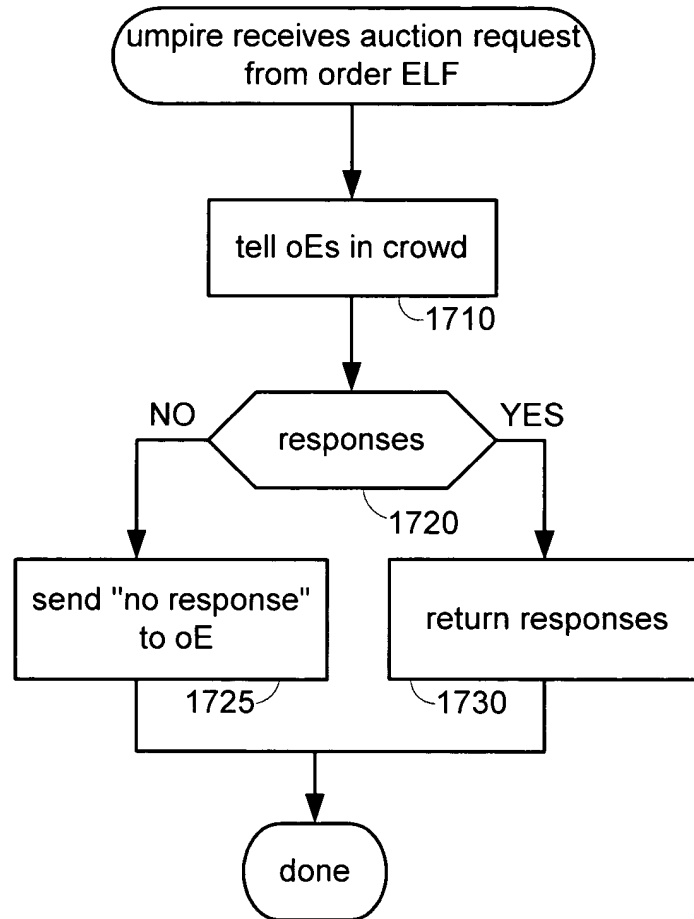


FIG. 82

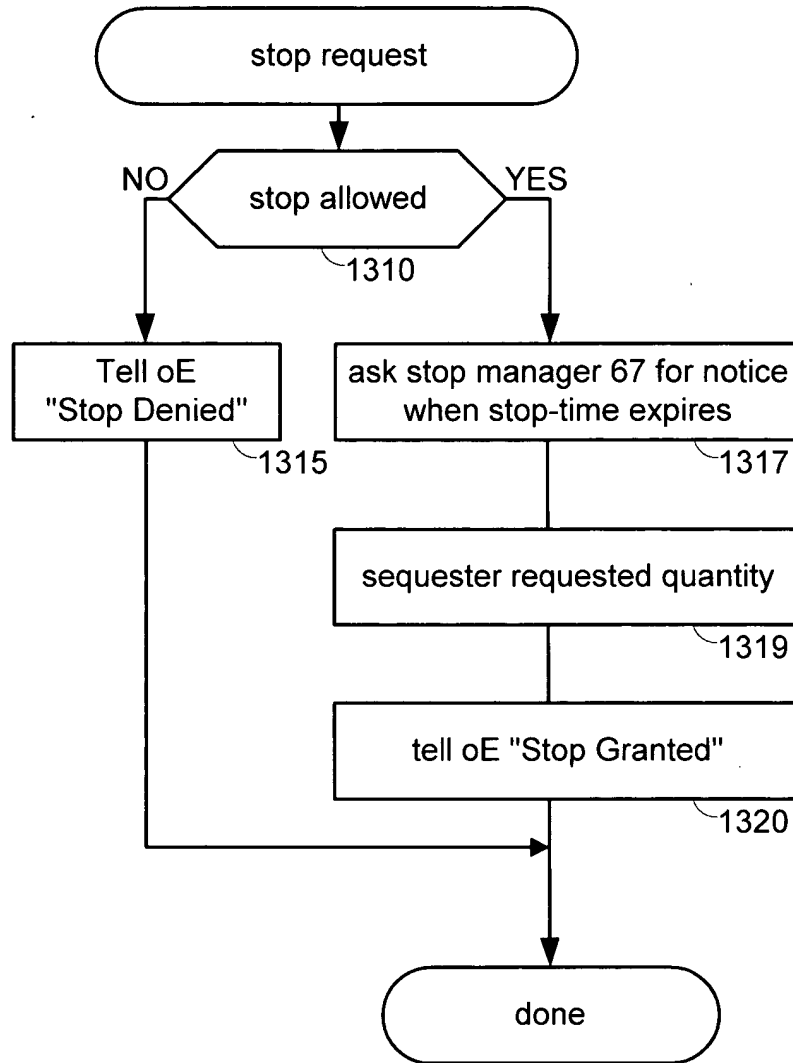


FIG. 83

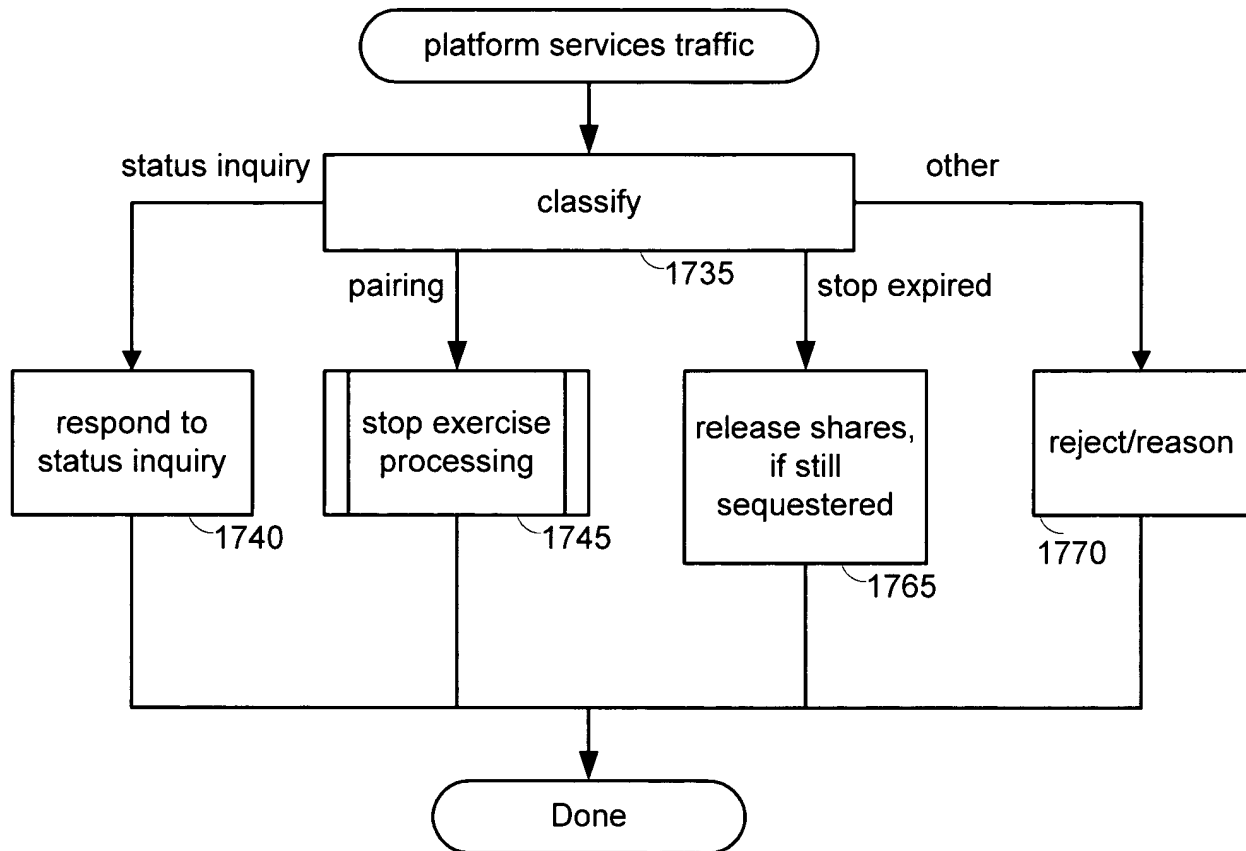


FIG. 84

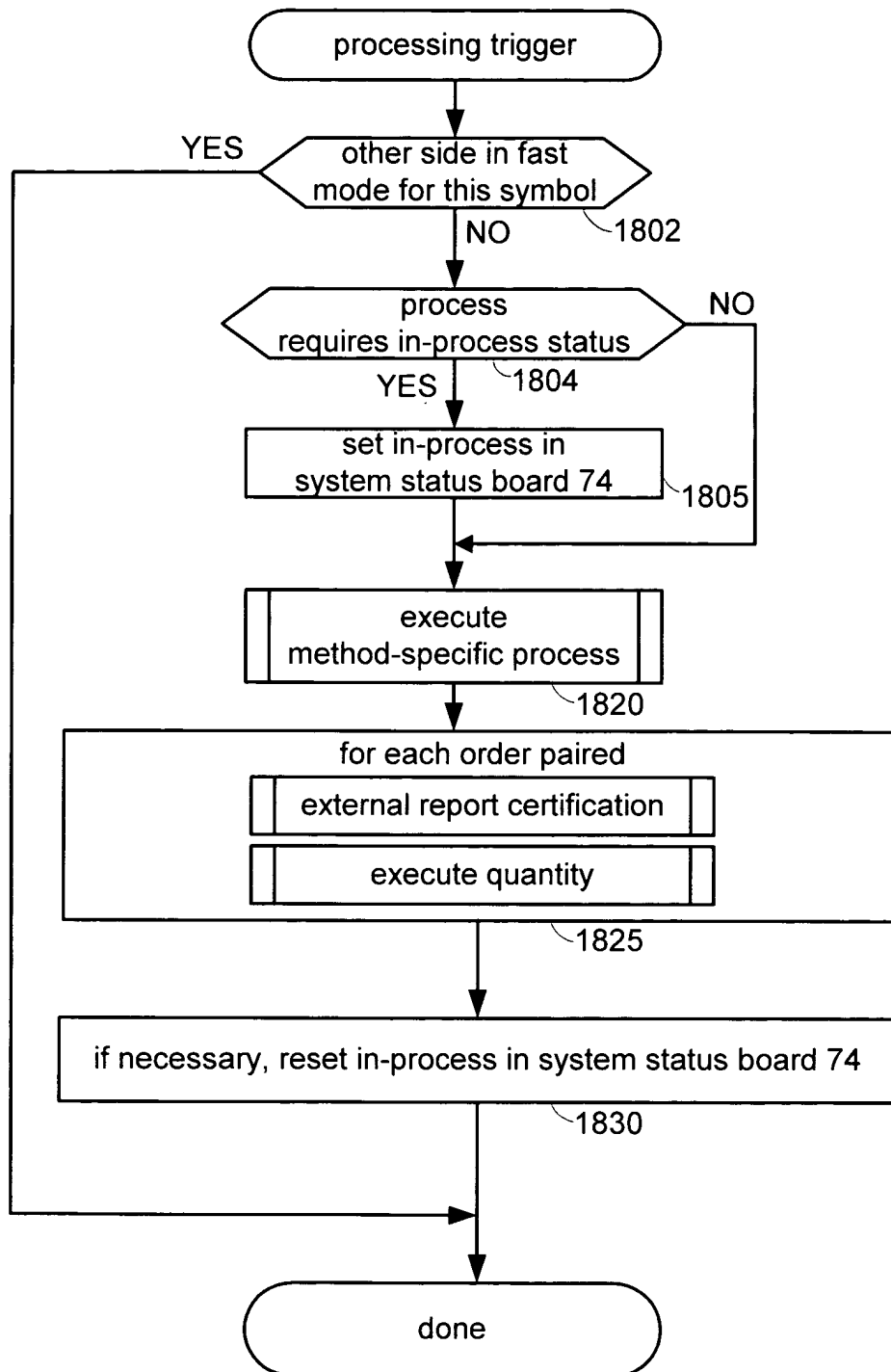


FIG. 85

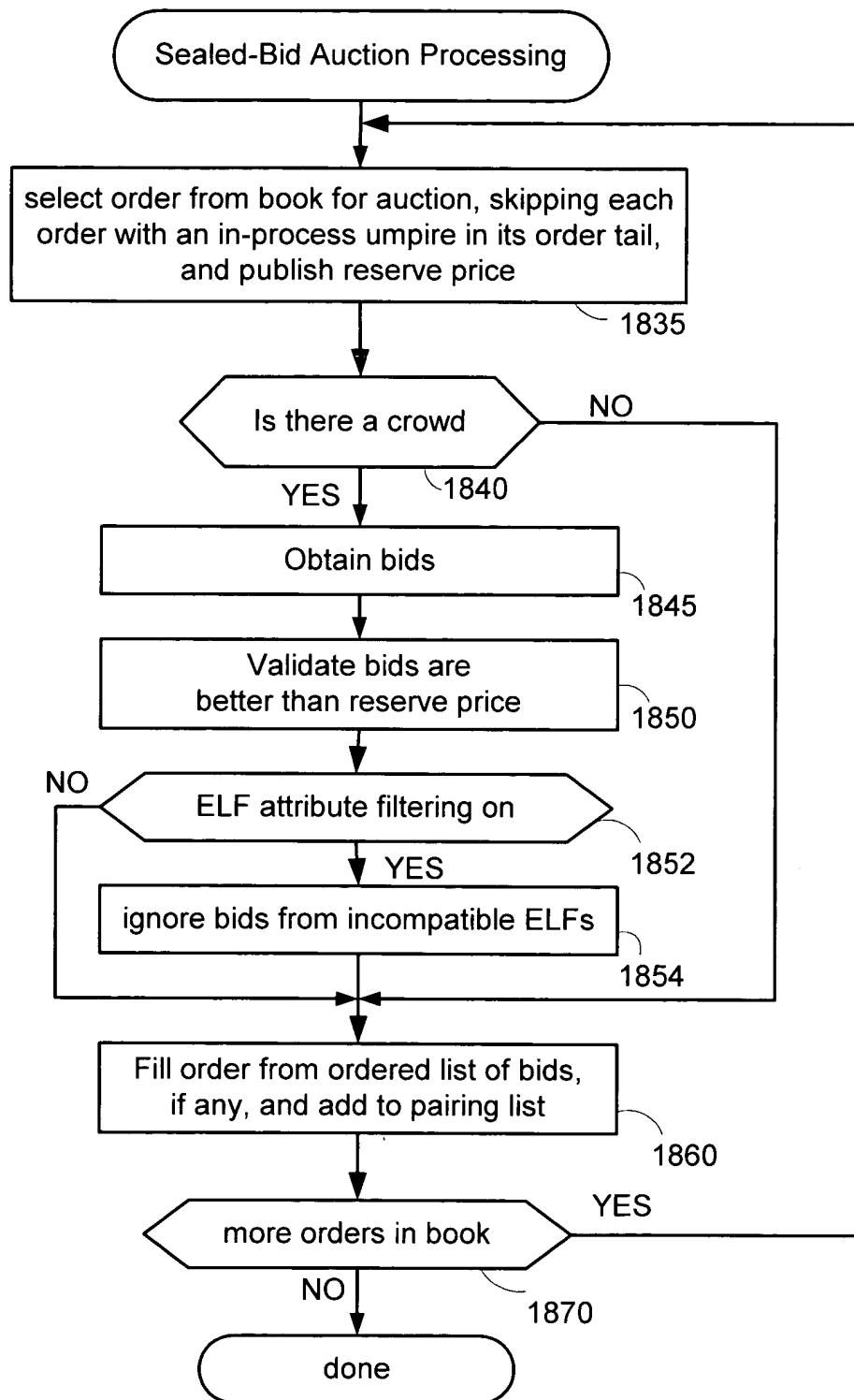


FIG. 86



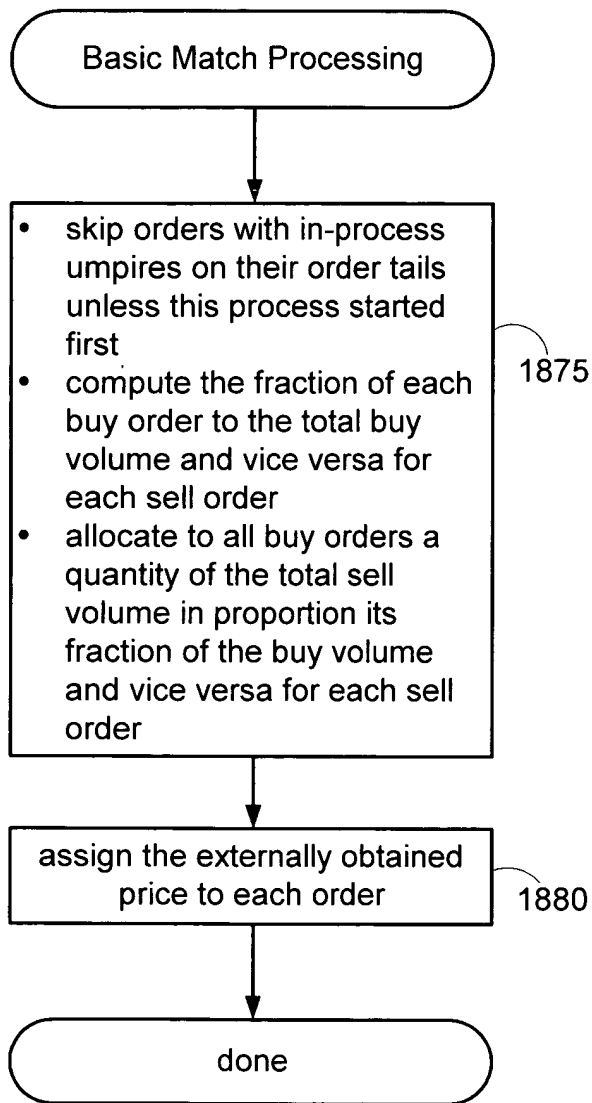


FIG. 87

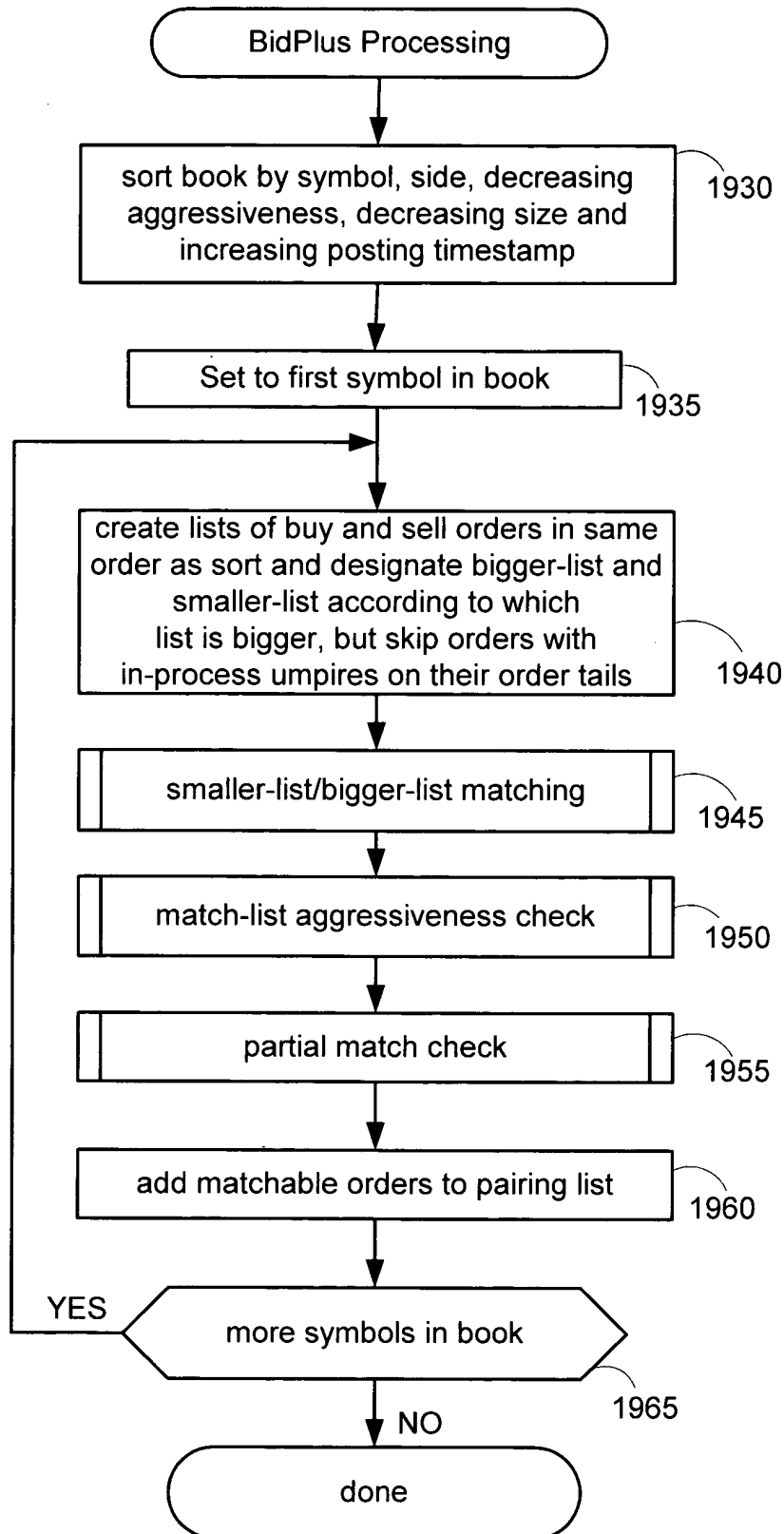


FIG. 88

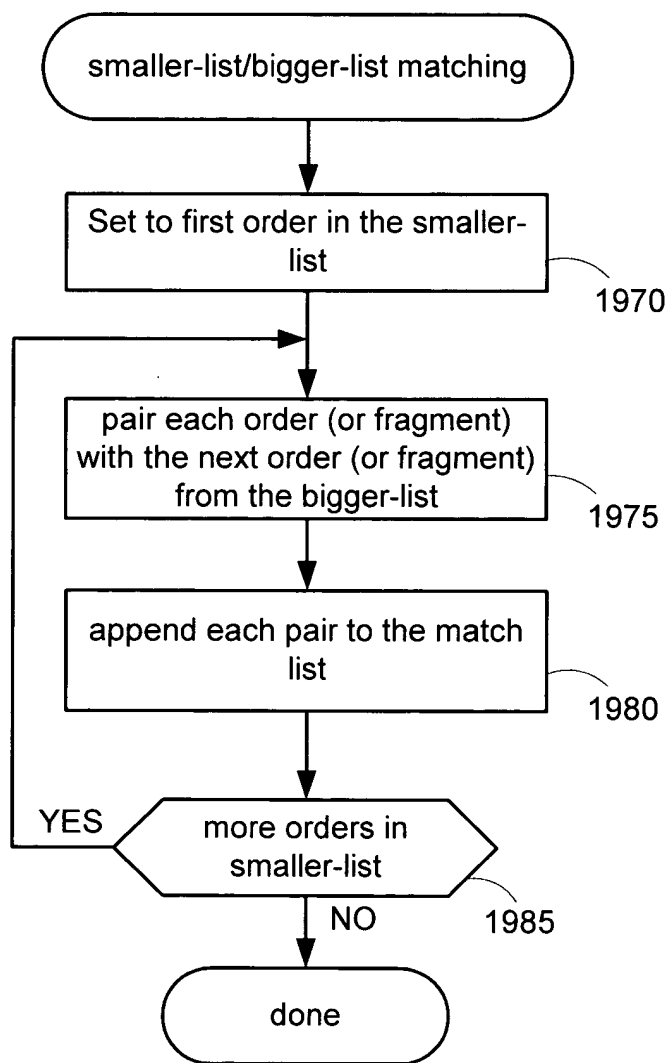
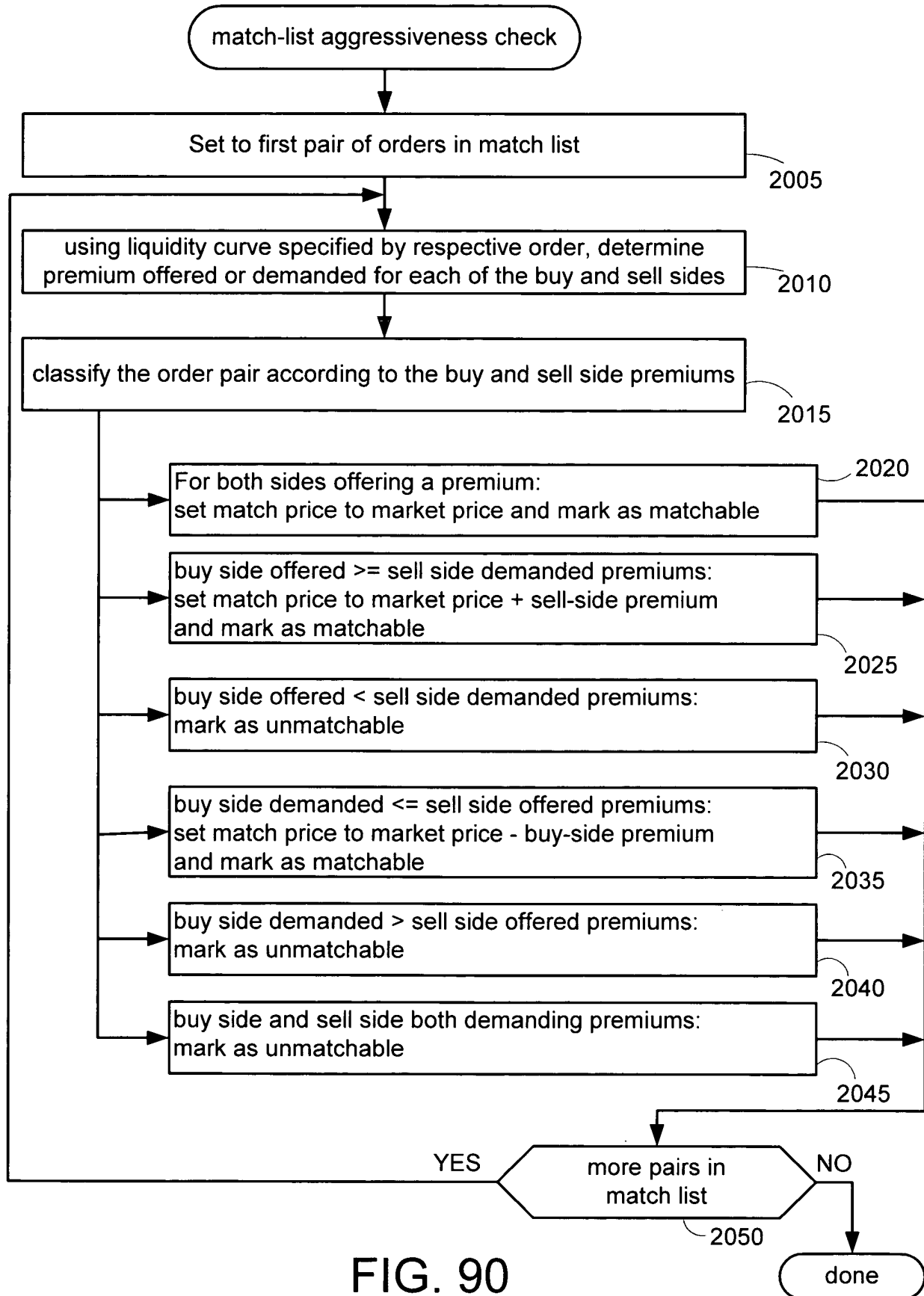


FIG. 89



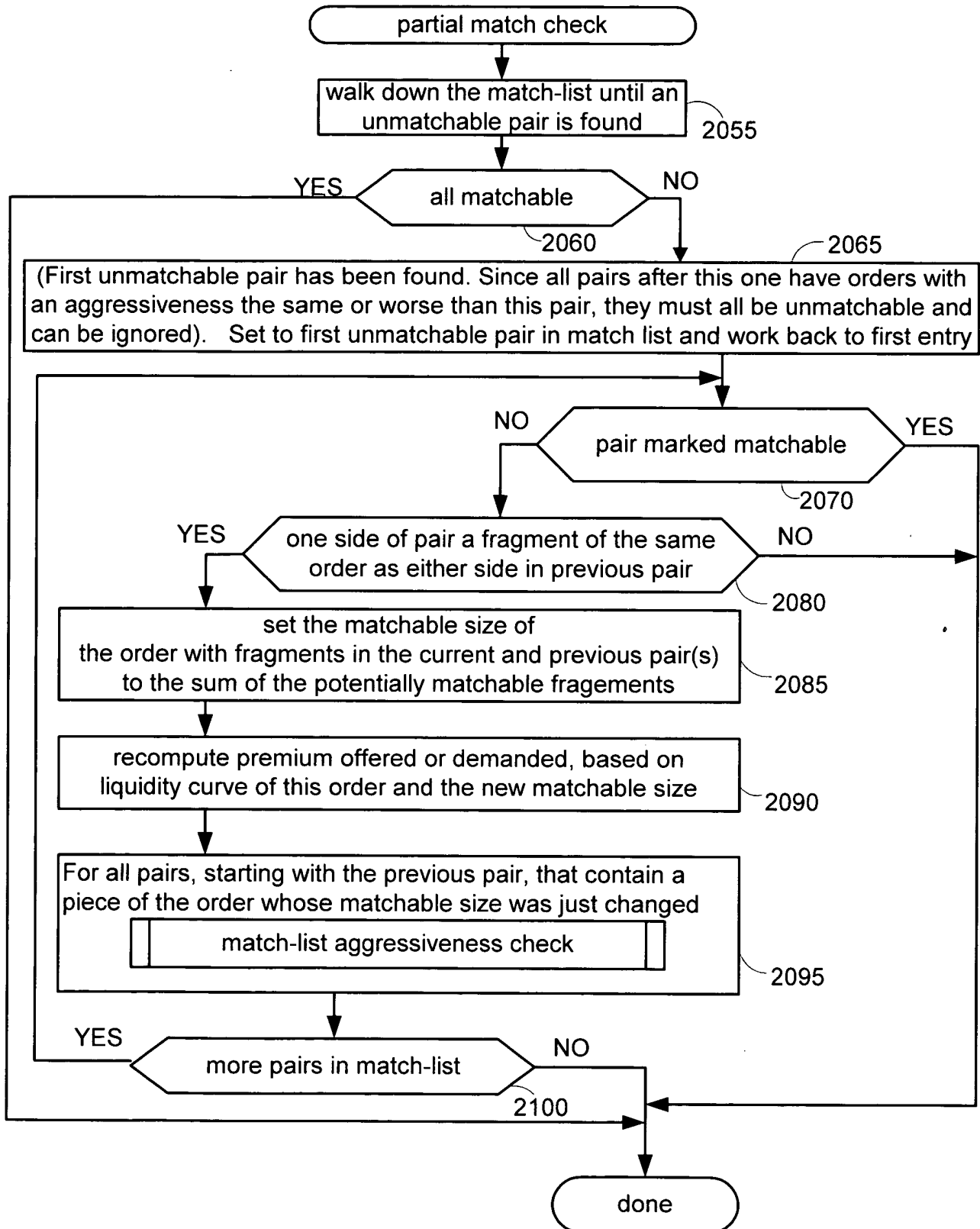


FIG. 91

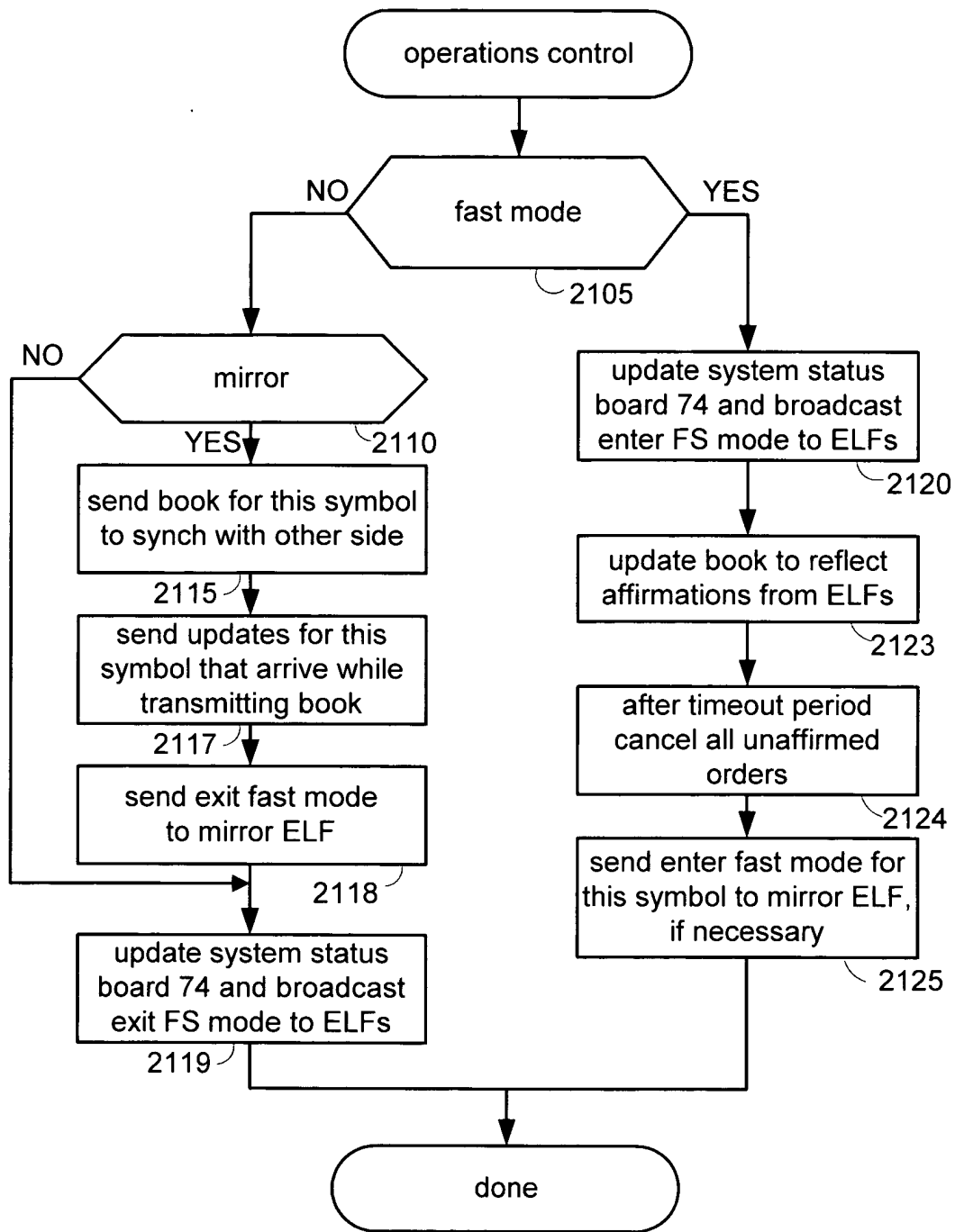
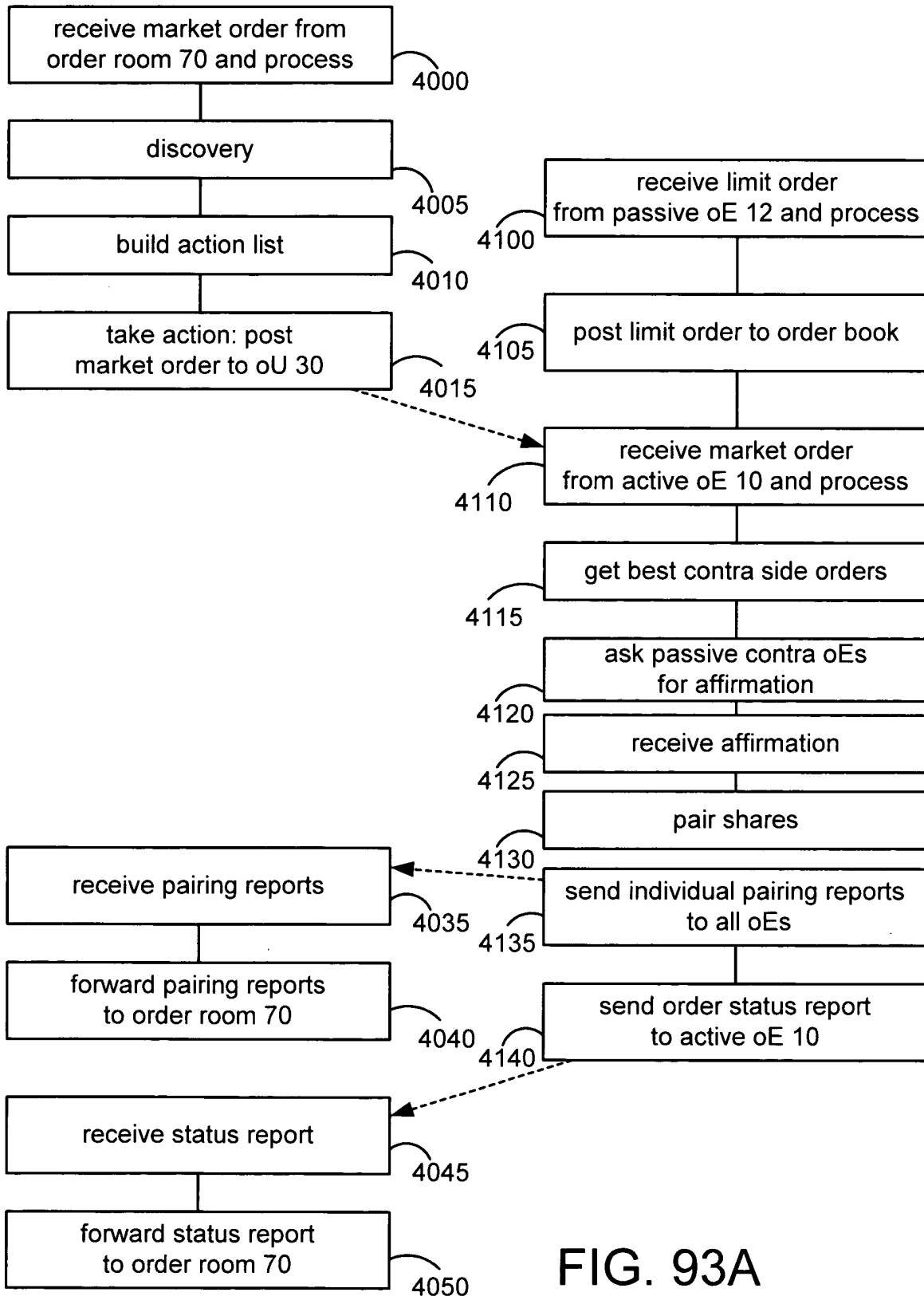
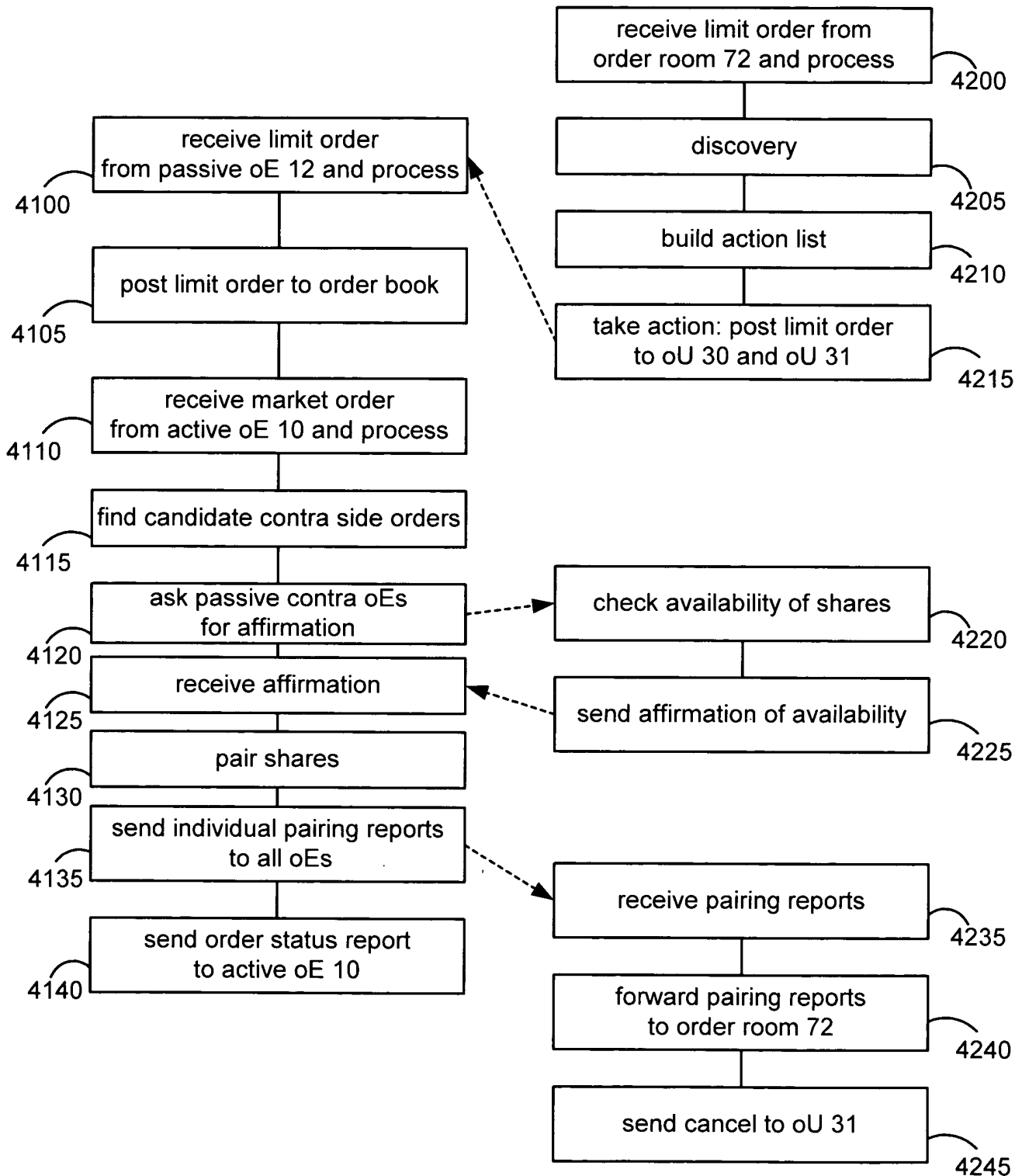
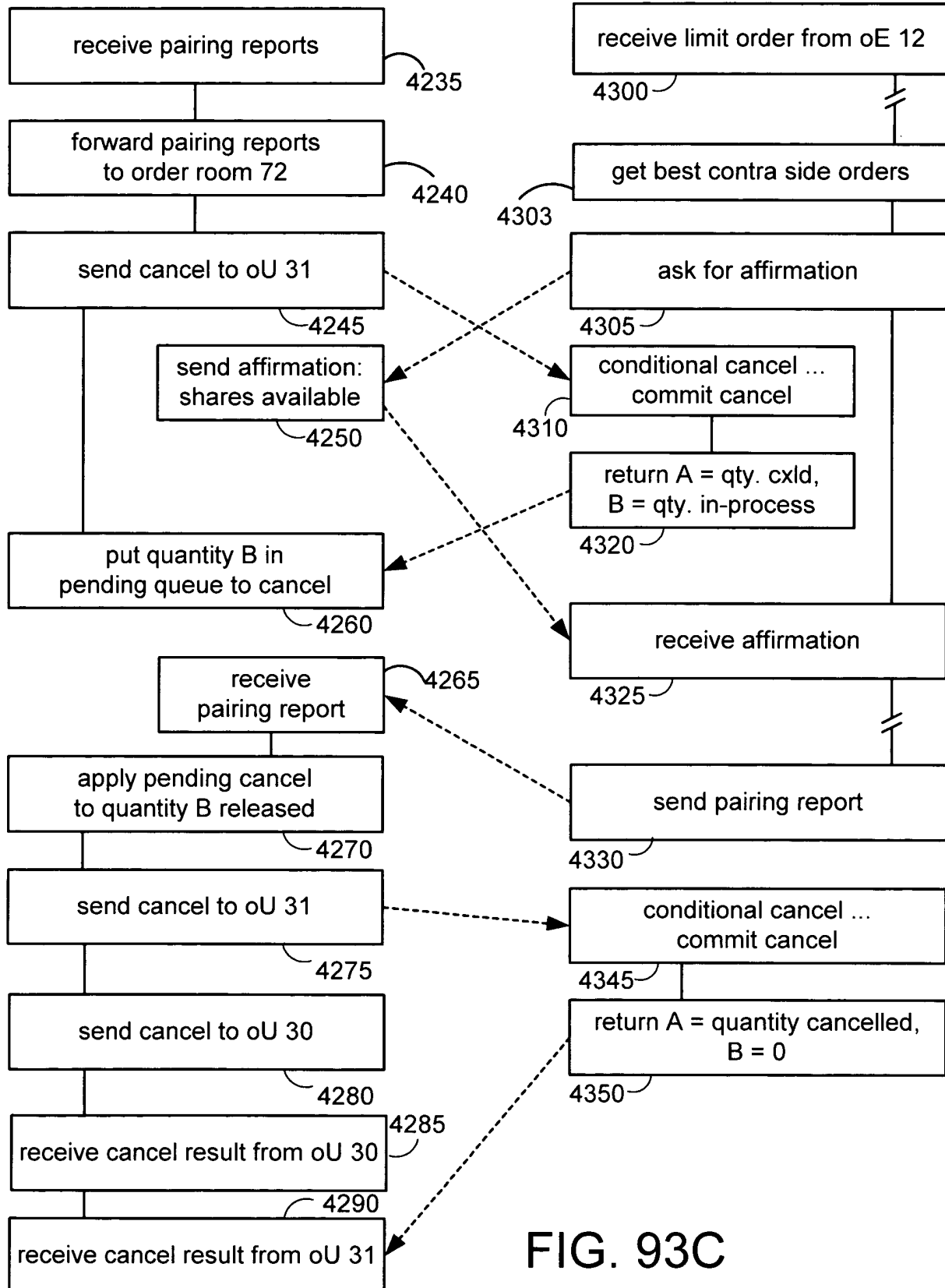


FIG. 92

**order ELF 10****order umpire 30****FIG. 93A**

**order umpire 30****order ELF 12****FIG. 93B**



**order ELF 12****order umpire 31****FIG. 93C**

oU 31

mE 51

oU 32

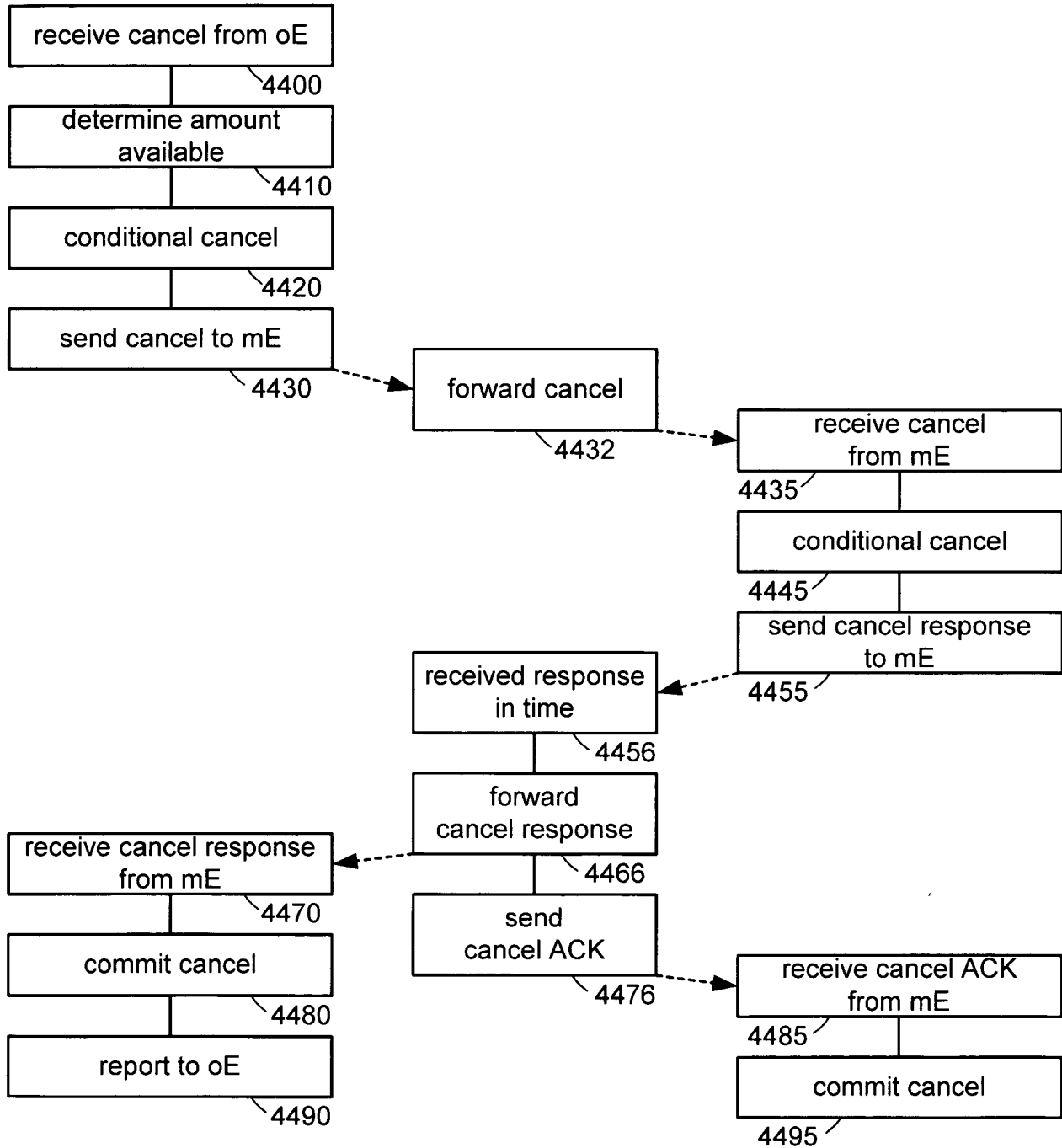
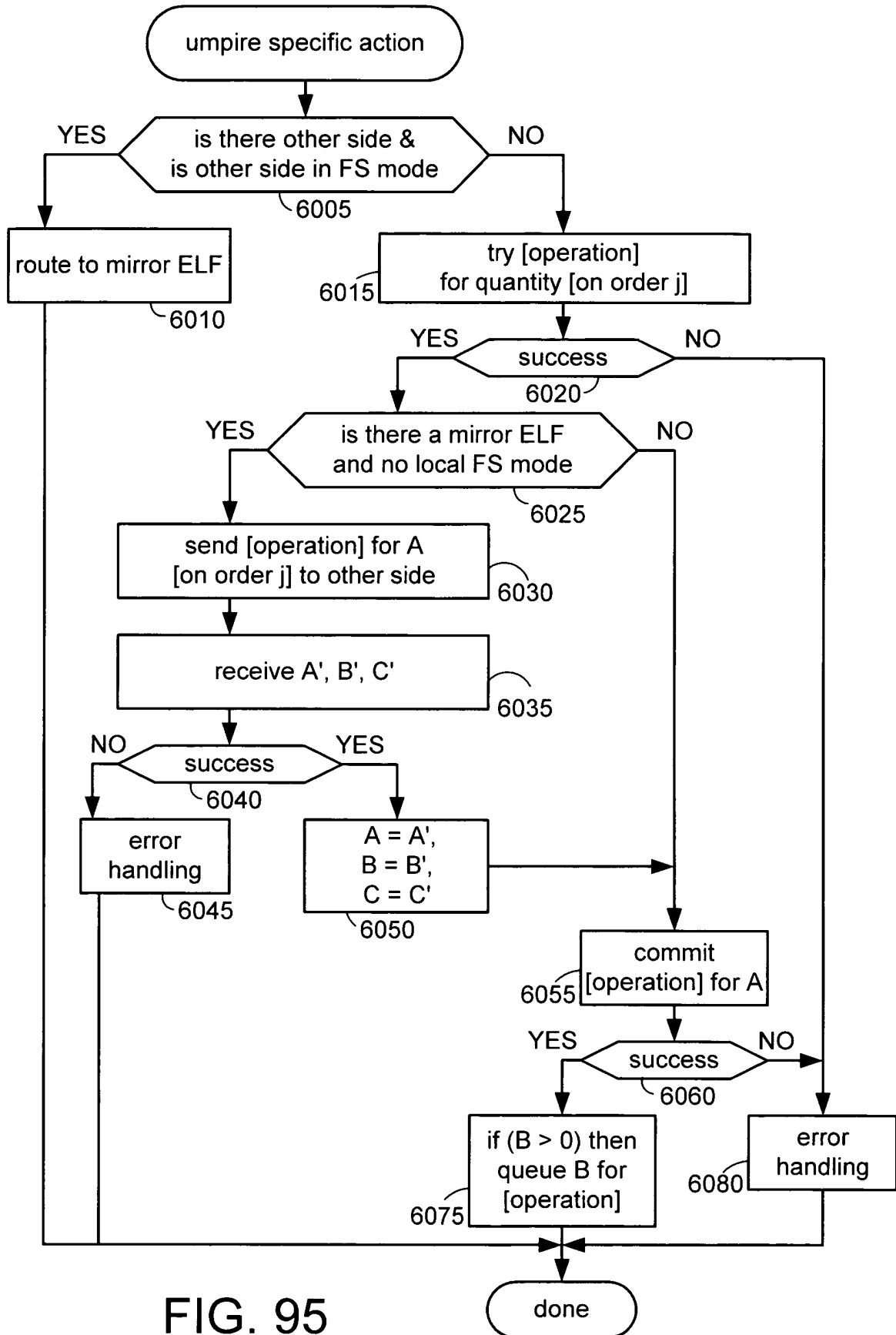


FIG. 94



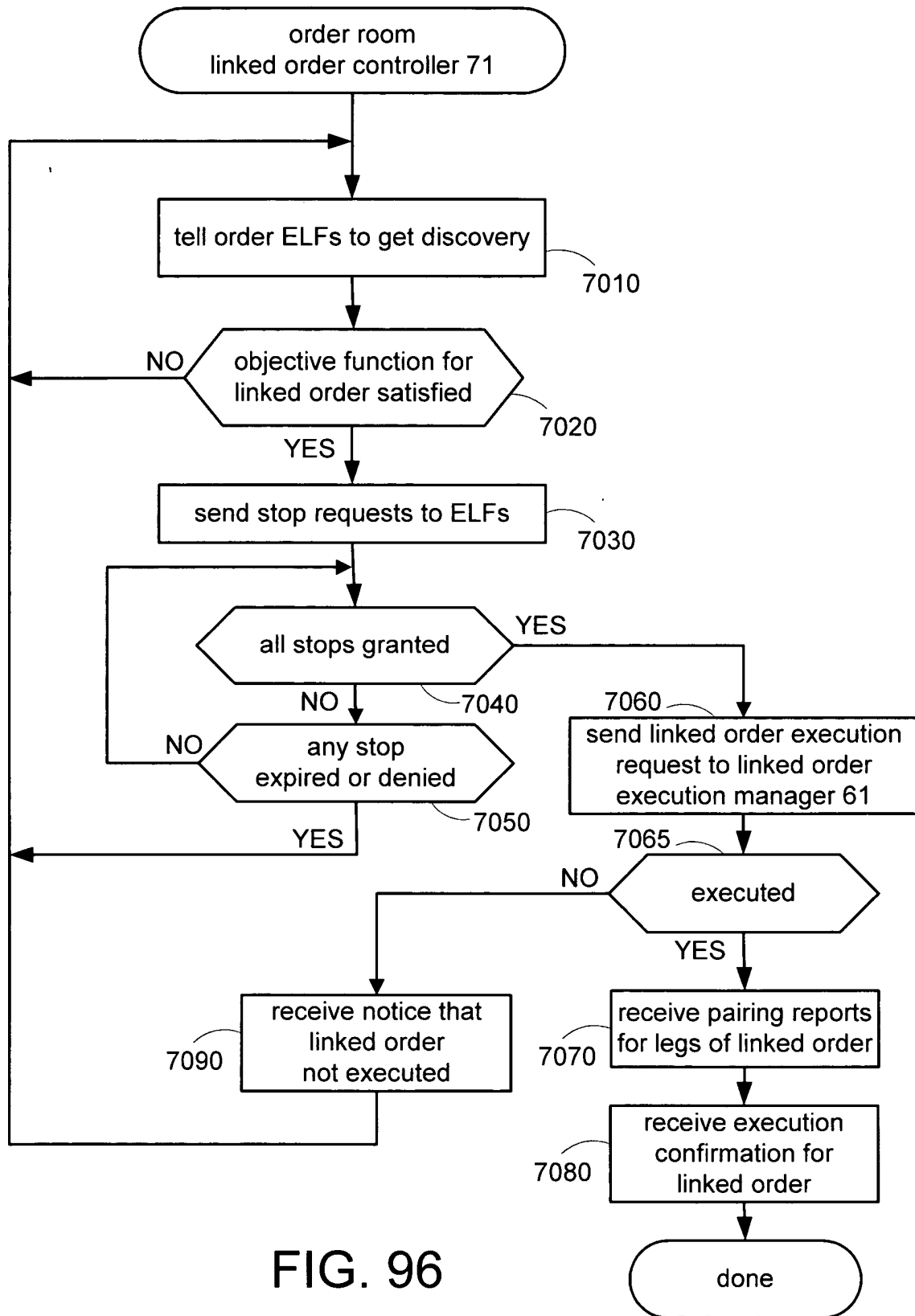


FIG. 96

LOC 71                      ELFs                      umpires                      stop mgrs.67                      LOEM 61

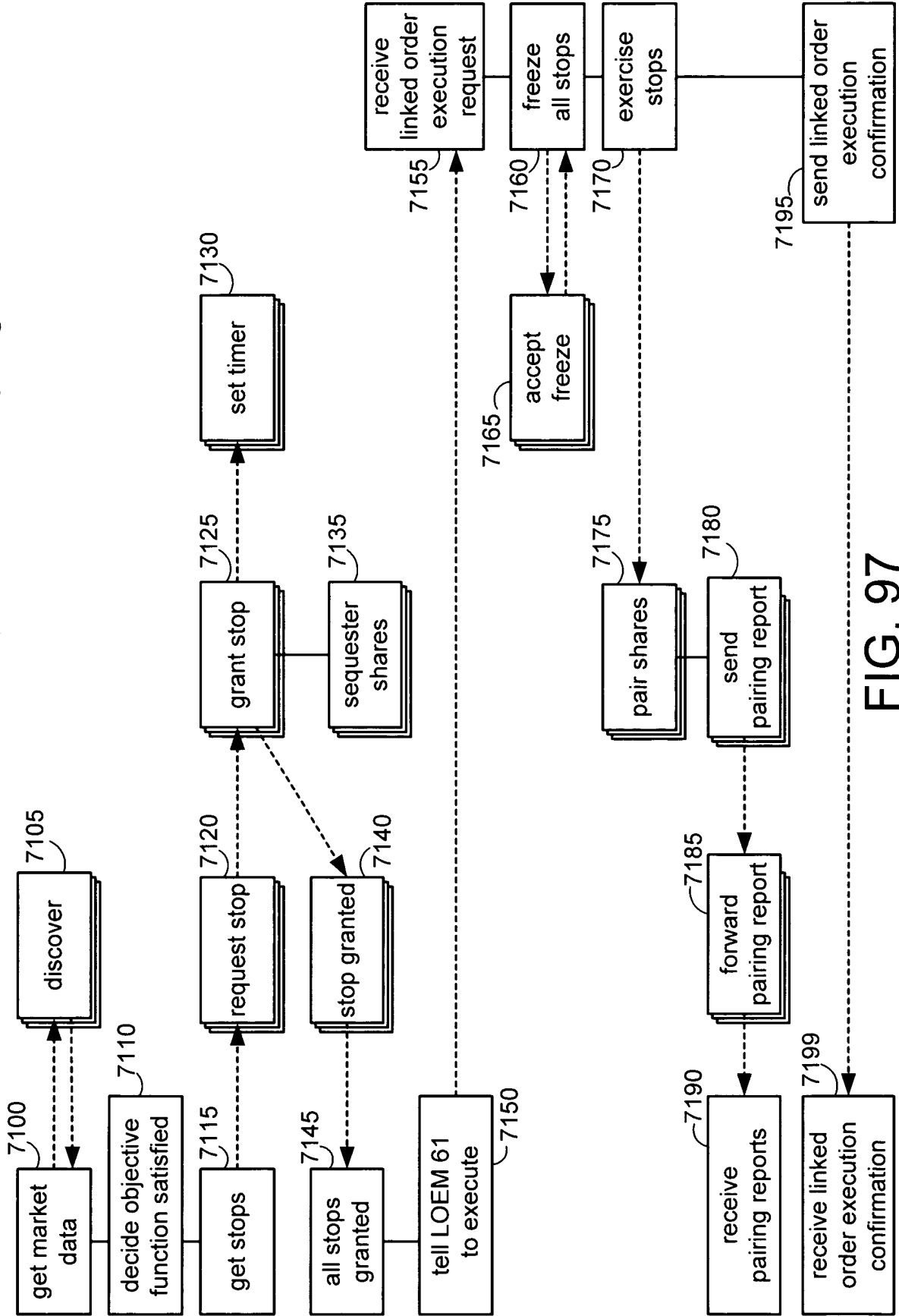


FIG. 97

# order umpire 30

# order ELF 12

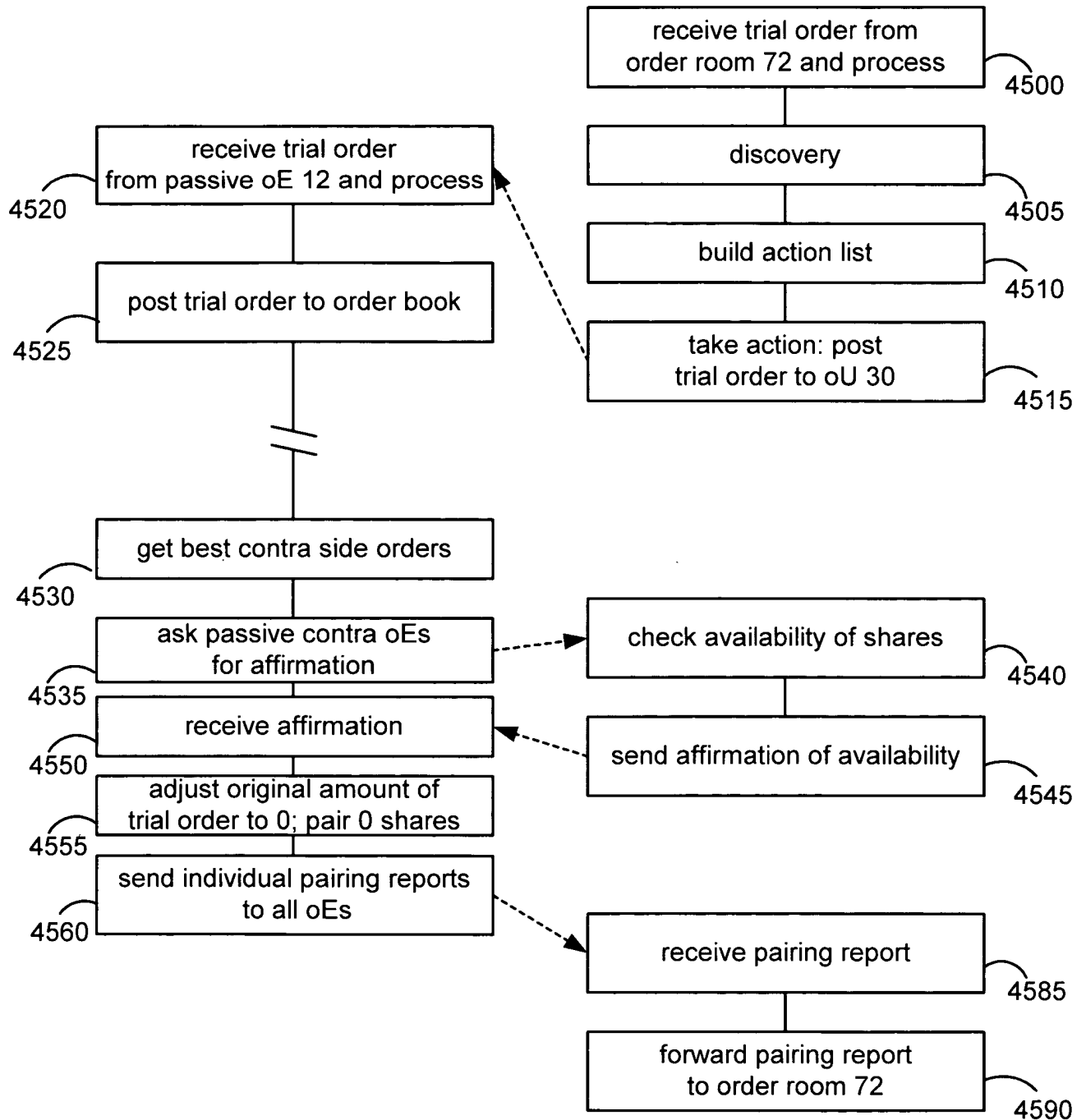


FIG. 98

oE 10

oU 30

oE 12

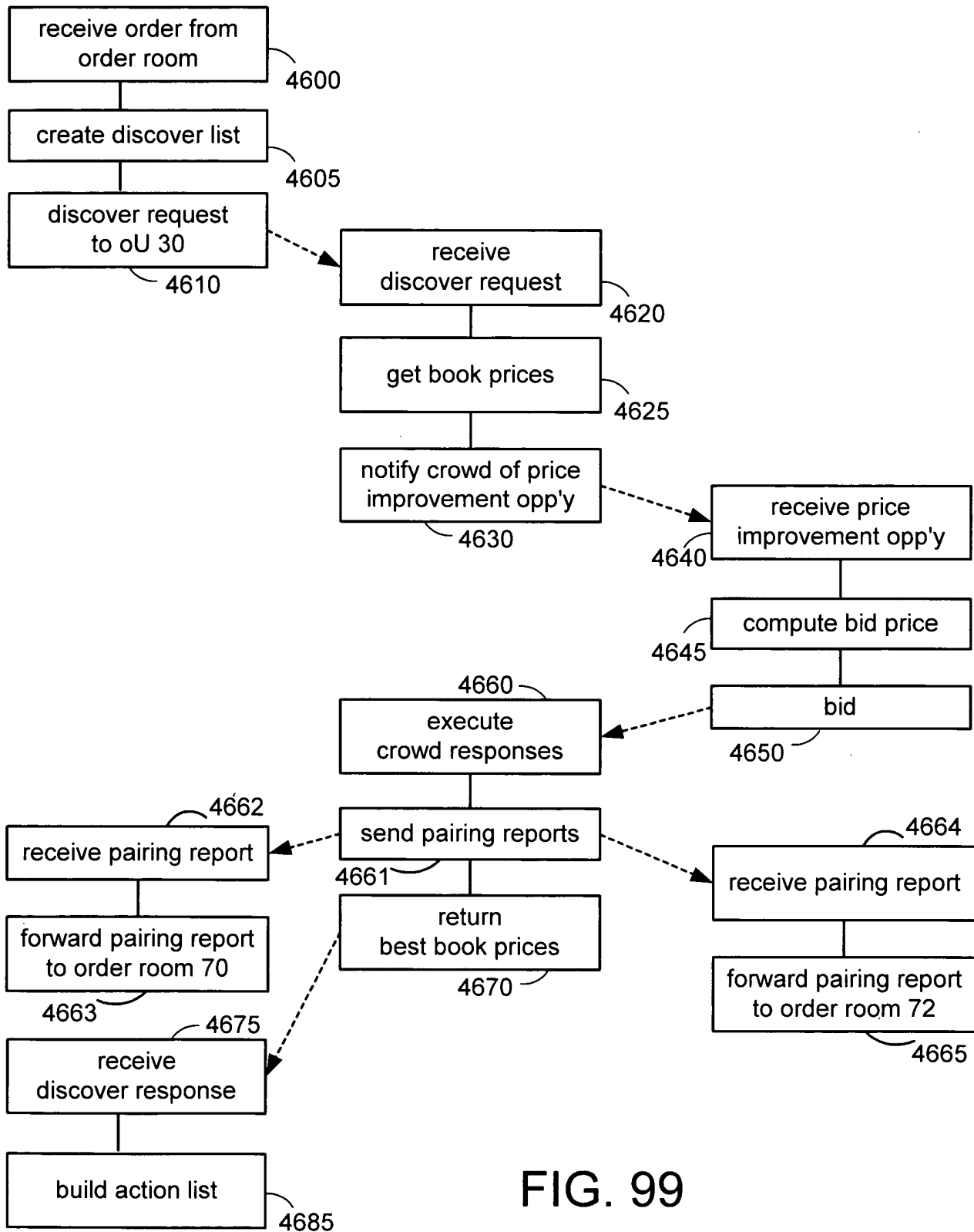


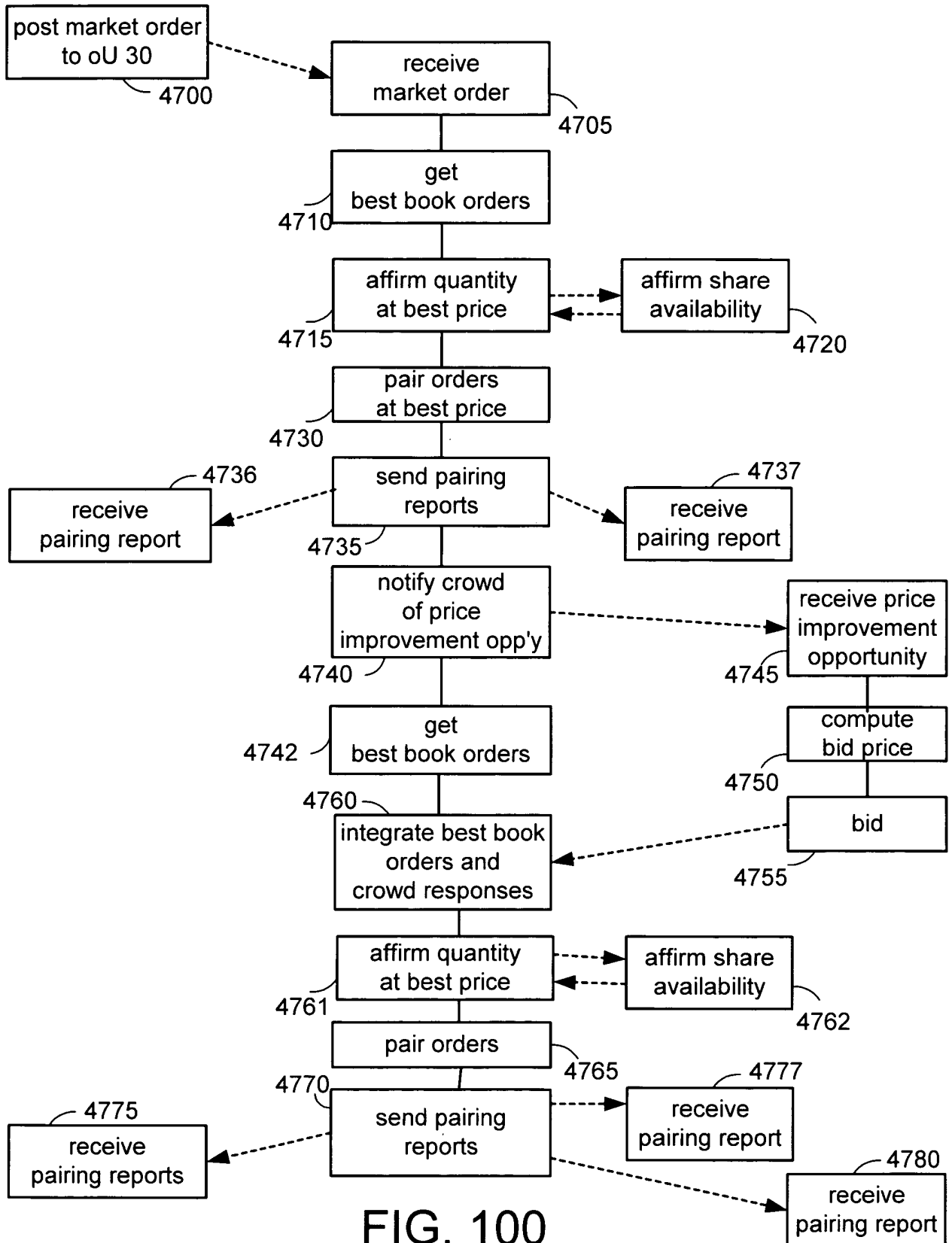
FIG. 99

oE 10

oU 30

oE 11

oE 12





oE 10

oU 30

oE 12

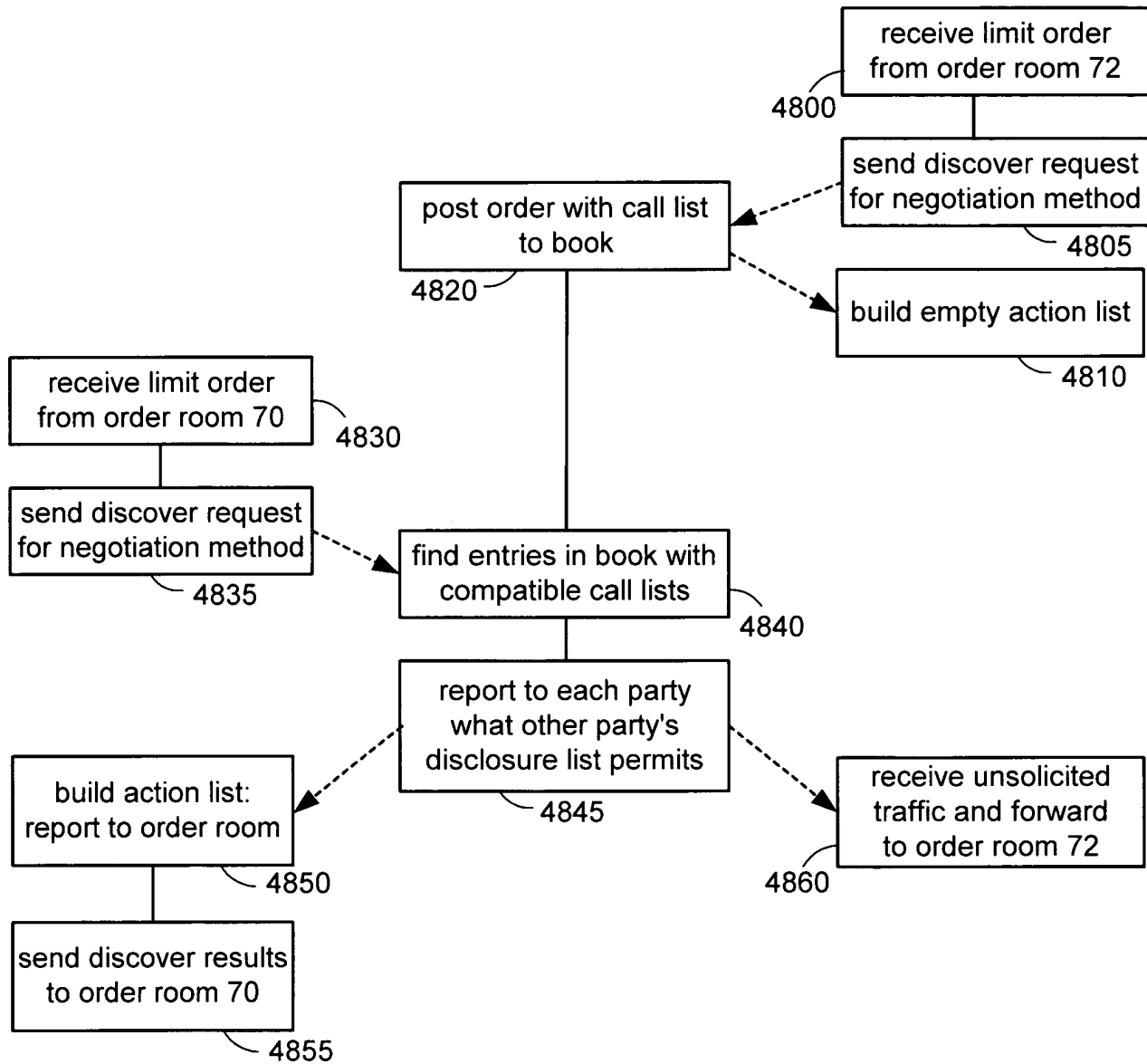


FIG. 101

oE 10

oU 30

oE 12

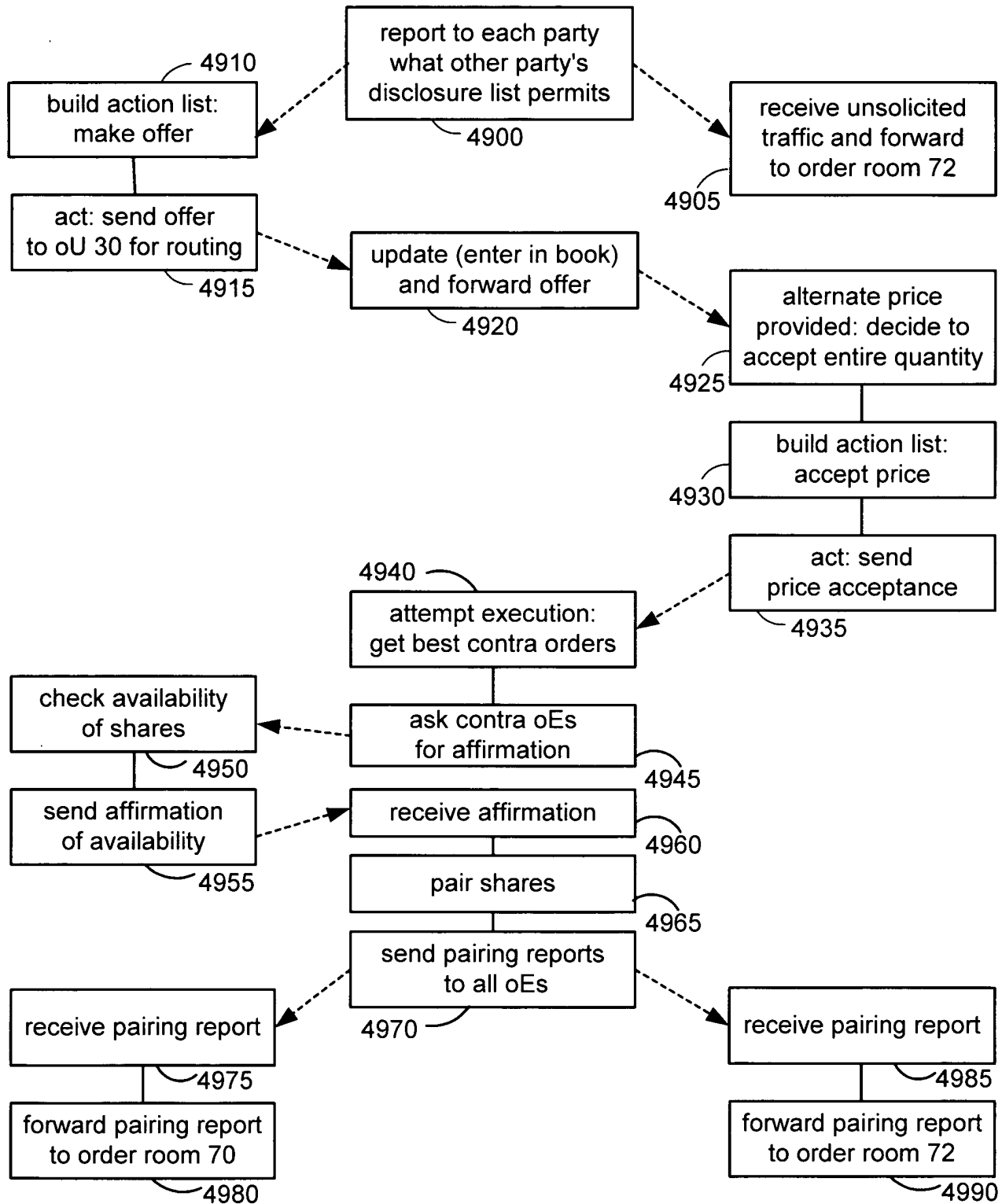


FIG. 102

oE 10

oU 30

stop order mgr 67

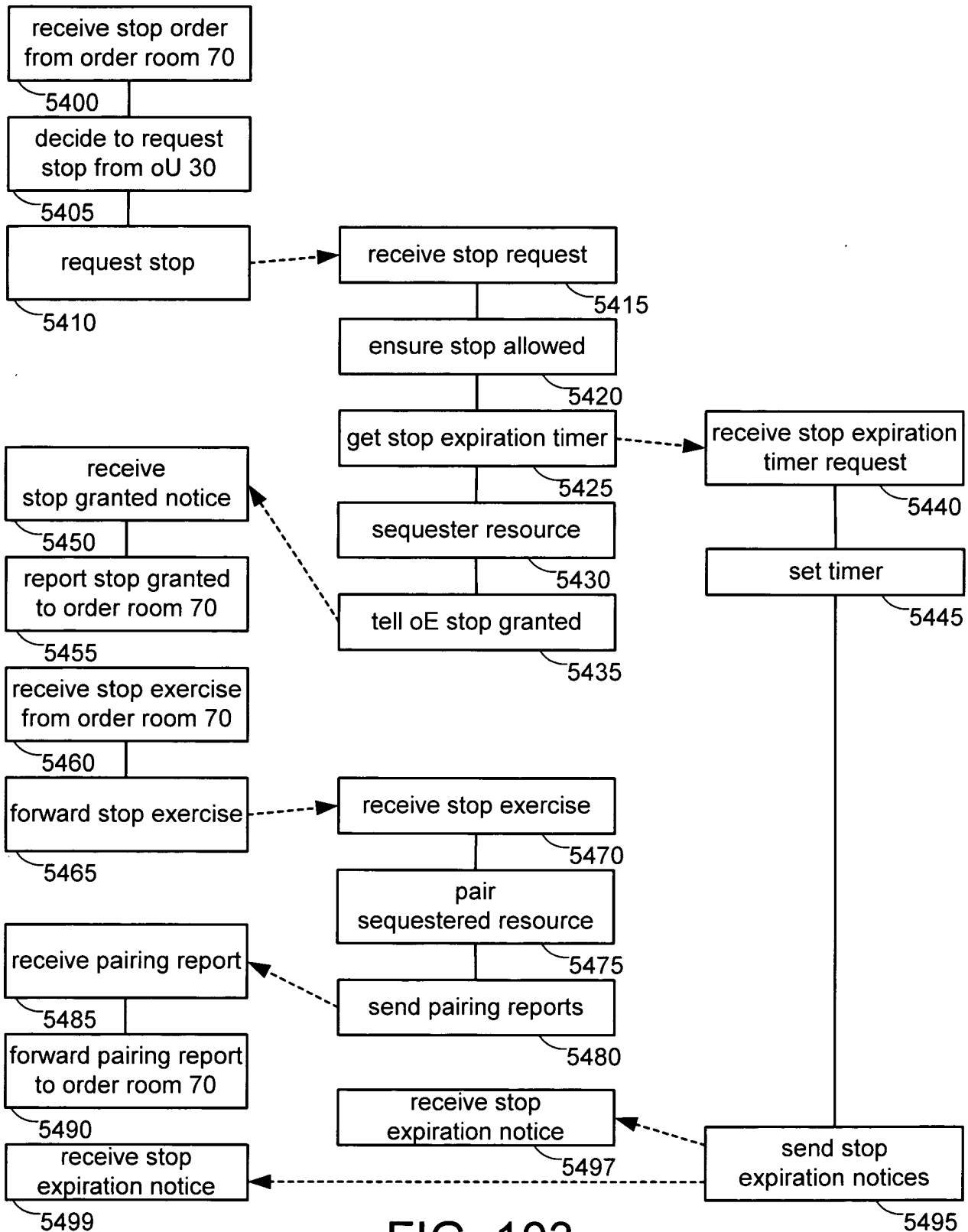


FIG. 103